

# **IT Industry Update**

24<sup>th</sup> June 2020 CONTEXT COVID-19 Weekly Report





### **CLIMATE SURVEY FEEDBACK**



## **TOP TRENDS COVID-19 REPORTS TO WEEK 24**



### DACH INSIGHT – AMANUEL DAG, COUNTRY MANAGER

04

## UNIFIED COMMUNICATIONS – SAM NAMAN, SUBJECT MATTER EXPERT

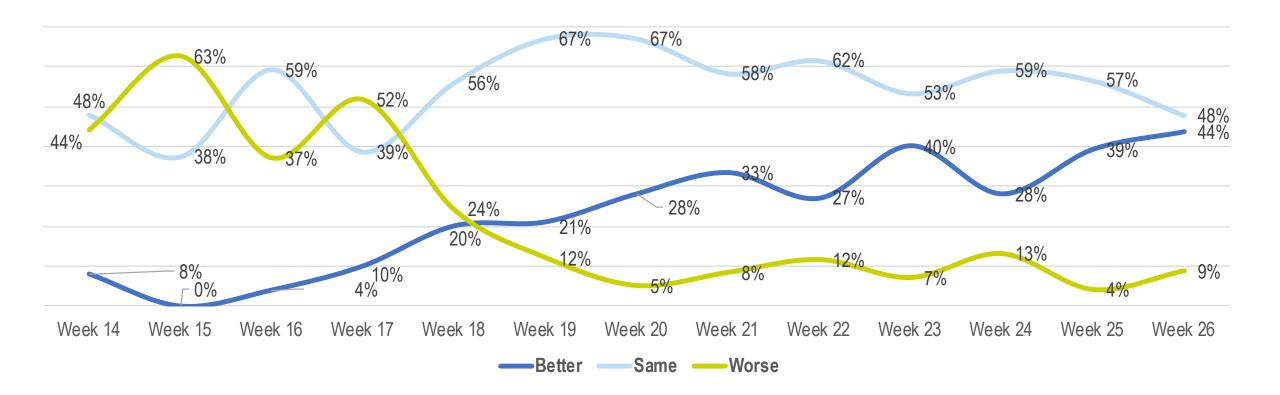
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CONTEX

### **CLIMATE SURVEY FEEDBACK – PROGRESS**



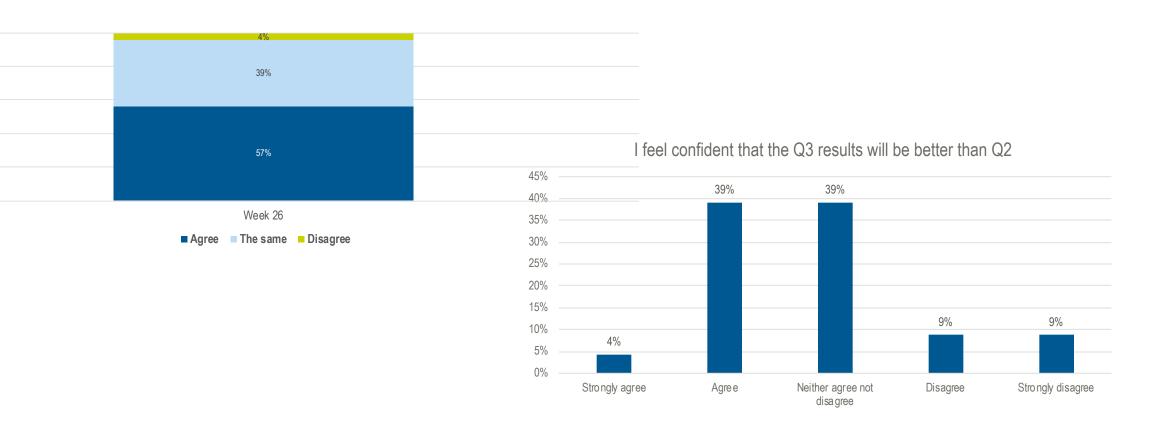
How is the situation for the IT industry in your country (compared to last week)?



### 23 responses

### **CLIMATE SURVEY FEEDBACK – OUTLOOK**

My pipeline of order has increased (compared to last week)?

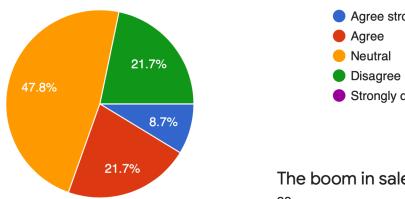


### 23 responses

CONTEXT

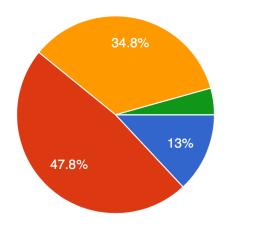
### **FACTORS IMPACTING Q3**

Consumer demand for IT products will go down in Q3 23 responses





The boom in sale of notebooks will slow down considerably in Q3 23 responses

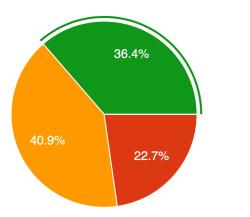


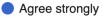




### **FACTORS IMPACTING Q3**

Sales of infrastructure IT products, such as servers, storage and networking, which have suffered in the Covid crisis will return to pre-pandemic levels in Q3 <sup>22 responses</sup>





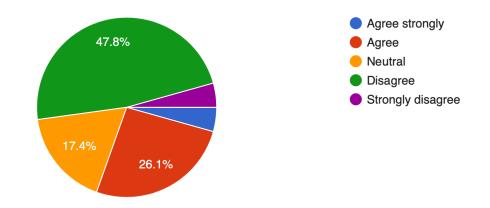
Agree

Neutral

Disagree

Strongly disagree

In July and August people will not take holidays as normal to allow the business to recover more quickly before the autumn <sup>23</sup> responses



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### **COVID-19 REPORTS**



## **REVENUE TRENDS**

4 week rolling revenue % growth/decline trends compared to prior year, by country and region



### **REVENUE PANDEMIC INDEX (+ CHANNELS PANDEMIC INDEX)**

4 week rolling revenue trends based on pandemic calendar, revenue is base 100 in week 0 of pandemic, predictive indications, by country and region



### SECTOR/CATEGORY WEATHER MAPS (+ NEW VIRTUAL CATEGORIES)

4 week rolling revenue % growth/decline trends compared to prior year, plotted in 4 quadrants, Europe only (detailed report has country data)



## CHANNEL HEALTH (+ MAY RESELLER DATA)

4 week rolling revenue % growth/decline trends compared to prior year, in 3 business & 2 consumer channels, Europe only (detailed report has country data)

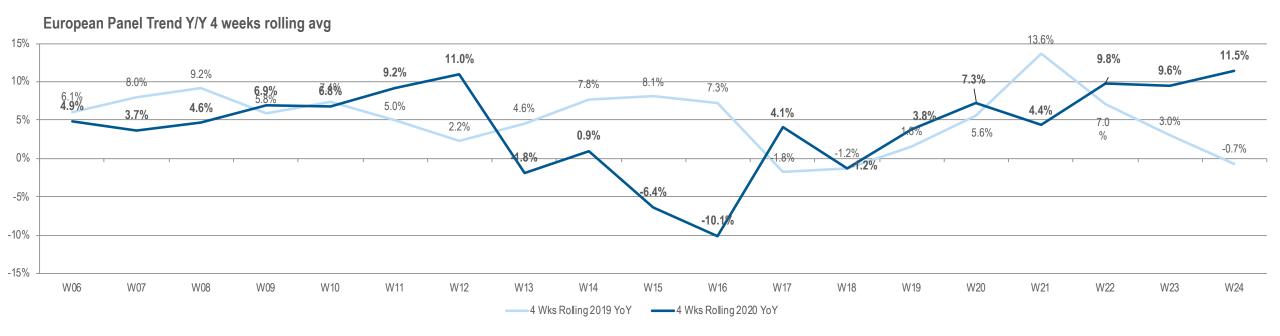




### **REVENUE GROWTH/DECLINE**

### **ALL COUNTRIES WEEK 24: CONTINUED PROGRESS**





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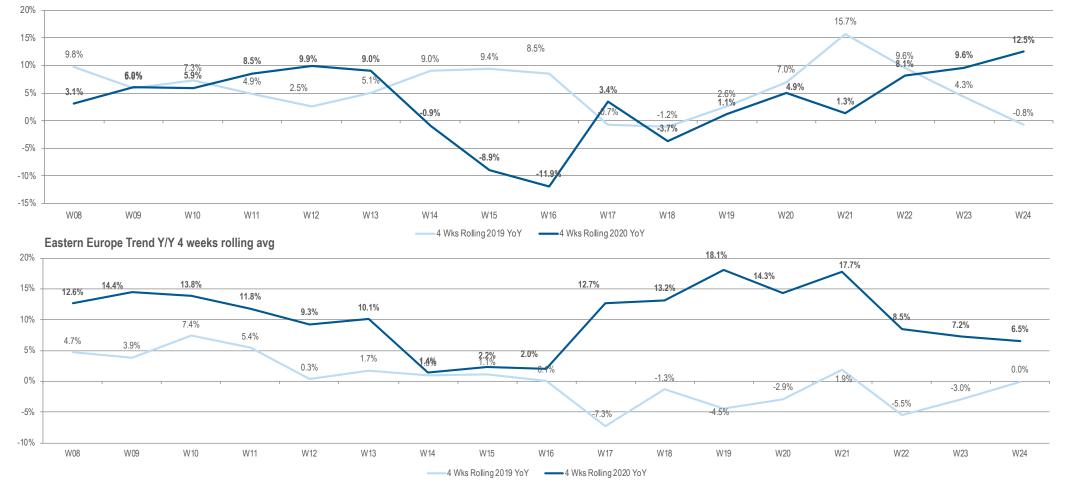
Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway, Poland, Baltics, Czech Republic, Slovakia & Russia.

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### W EUROPE STARTS TO OUTPERFORM E EUROPE



#### Western Europe Trend Y/Y 4 weeks rolling avg



Distribution sales translated at fixed € exchange rate and includes: Western Europe includes UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway

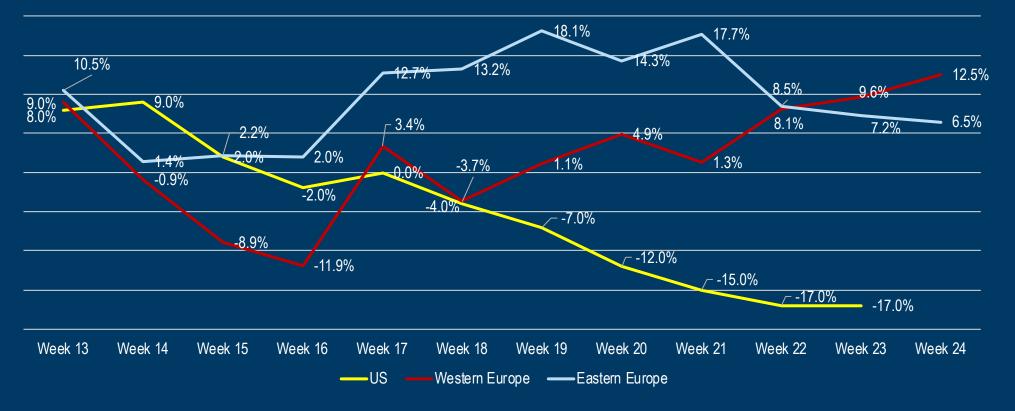
Eatsern Europe lincludes: Poland, Baltics, Czech Republic, Slovakia & Russia.

## THINGS ARE BETTER IN EUROPE THAN IN THE US

**Global Distribution Update – Covid-19 Weekly Report** 

### Total Distribution Trends US and Europe

US & EUROPE DISTRIBUTION SALES - ROLLING 4 WEEKS GROWTH/DECLINE %





CONTEXT

Distribution sales, 4 week rolling revenues based on \$ (US) and € fixed rate (Europe)

### WE AND EE: VOLUME/VALUE YOY COMPARISON



12.2%



Western European Panel : Volume Market Trend Y/Y 4 weeks rolling avg

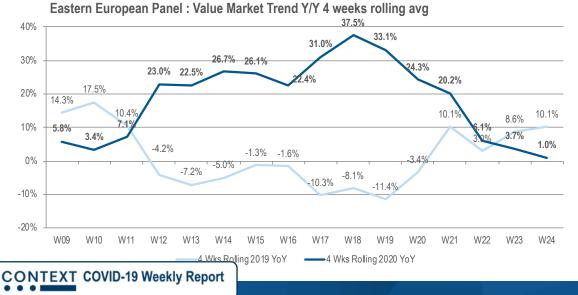
#### 10% 6.9% 6.7% 6.1% 6.2% 6.8% 5.2% 4.8% 4.3% 5% 2073% 1.9% 1.7% 0.2% -0.4% -0.8% -1.3% 0% -1.9% 1.9% -5.9% -5% -7.1% .6% -7.9% 9.9% -9.6% -9.5% -11.0% -10% 3.3% 13.2% -15% -20% W21 W22 W23 W24 W09 W10 W11 W12 W13 W19 W20 4 Wks Rolling 2019 YoY -4 Wks Rolling 2020 YoY

Western European Panel : Value Market Trend Y/Y 4 weeks rolling avg

15%

Eastern European Panel : Volume Market Trend Y/Y 4 weeks rolling avg





Russia.







### OF THE 5 MAJOR WE ECONOMIES, ITALY AND SPAIN ARE TRENDING STRONGEST CONTEXT Weekly Revenue Trend Index - All Countries (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100) 140 130 120 Spain UK France 110 Italy Germany 90



Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway

80

70

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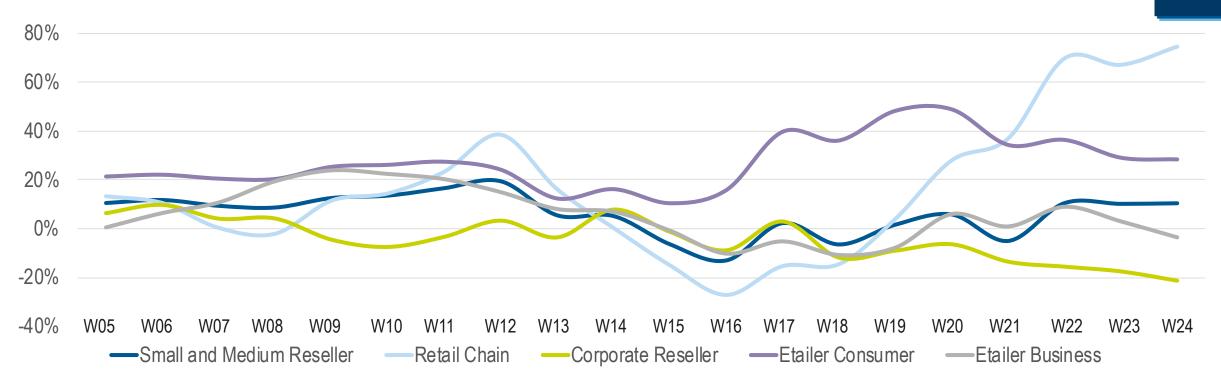


# Germany IT Industry Update

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24<sup>th</sup> June 2020

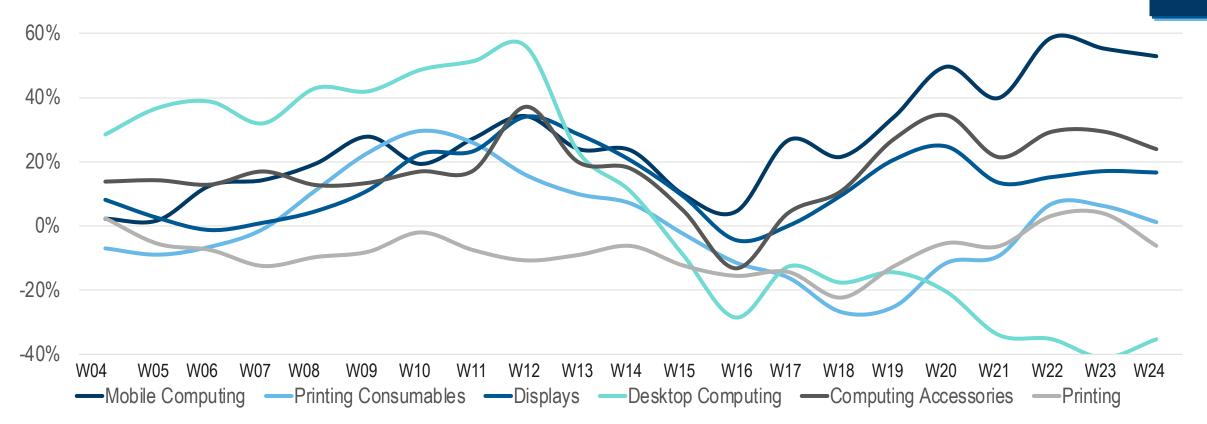
## **GERMAN DISTRIBUTION BY CHANNELS - 4 ROLLING WEEKS YoY**



SMB and Corporate Reseller under pressure over the last 10 weeks since many of their clients are suffering due to Corona; vertical markets with less IT budgets eg automotive, travel industry, hotels, catering
 Retail chains (incl their online sales) with healthy growth rates after soft opening in CW18 and high backlog demand
 Etailers with stronger growth for consumer than business players since these channels replaced the retail stores during the crisis

CONTEX

## **GERMAN DISTRIBUTION BY PRODUCTS - 4 ROLLING WEEKS YoY**

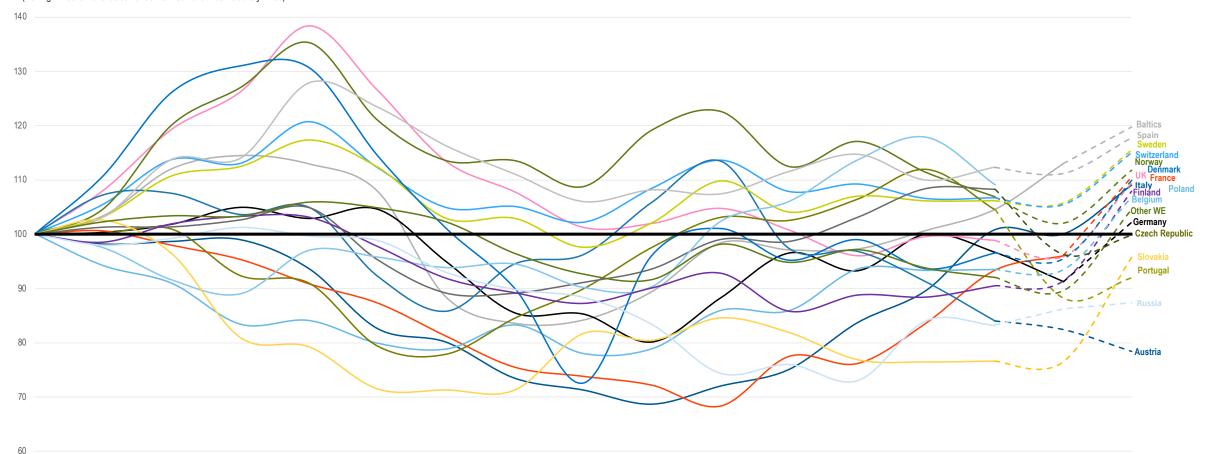


Mobile Computing, Displays and Computing Accessories with high growth rates due to HomeOffice and HomeSchooling demand Printing now with a higher demand for Inkjet rather than Laser, currently still a shortage in the supply chain Desktop PC with very high decrease as offices are still closed; stocks are very high and demand also low for the next weeks

CONTEX

## ALL COUNTRIES – ONLY 4 ARE BELOW THE BASE 100 INDEX

Weekly Revenue Trend Index - All Countries (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W4 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W11 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16

Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway

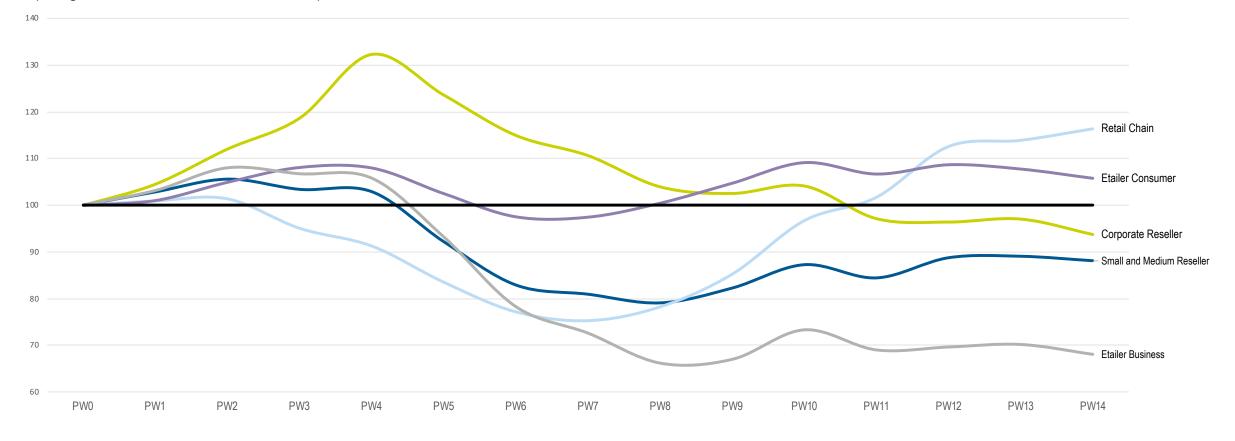


CONTEXT

### ALL COUNTRIES: CHANNEL PANDEMIC INDEX

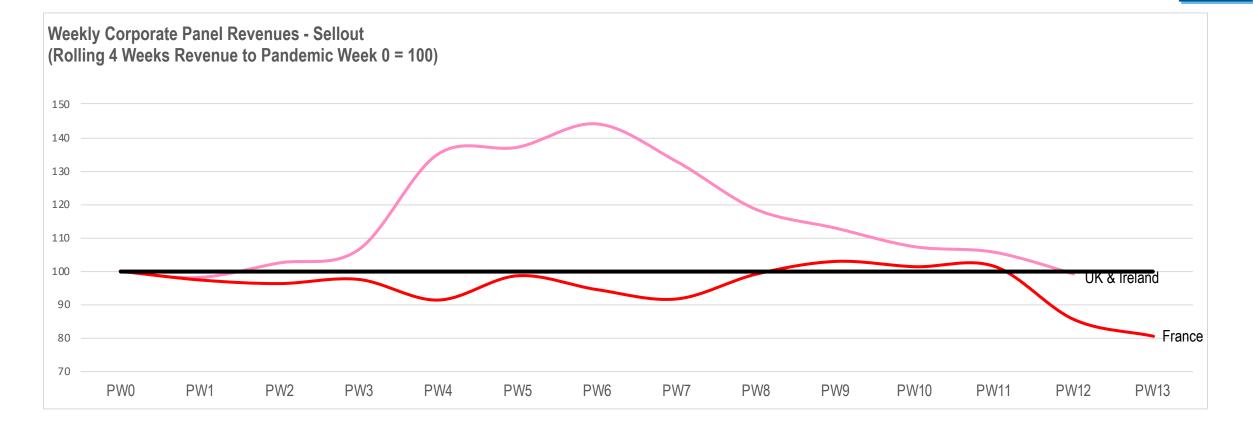


Weekly Channel Revenue Trend Index - All Countries (Rolling 4 Weeks Revenue to Pandemic Week 0 = 100)



Distribution sales translated at fixed € exchange rate and includes: Western Europe: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway. Eastern Europe: Poland, Baltics, Czech Republic, Slovakia & Russia.

## FRANCE AND UK: CORPORATE RESELLER PANDEMIC INDEX



Corporate reseller panel sales translated at fixed € exchange rate

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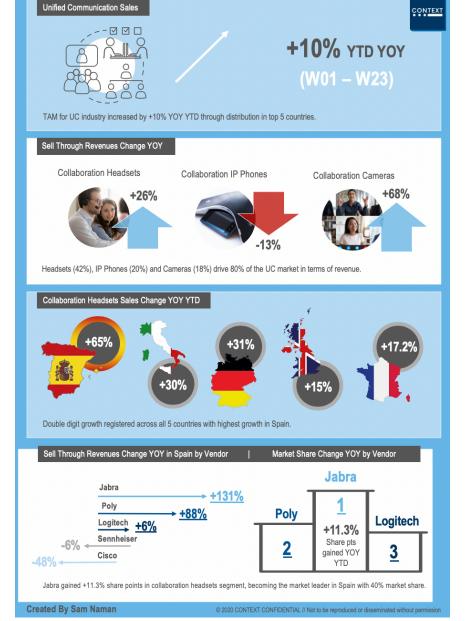
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# Unified communications update

24<sup>th</sup> June 2020

### UNIFIED COMMUNICATIONS GROWTH CATEGORY





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## SECTOR/CATEGORY WEATHER MAPS INTRODUCTION OF NEW VIRTUAL CATEGORIES



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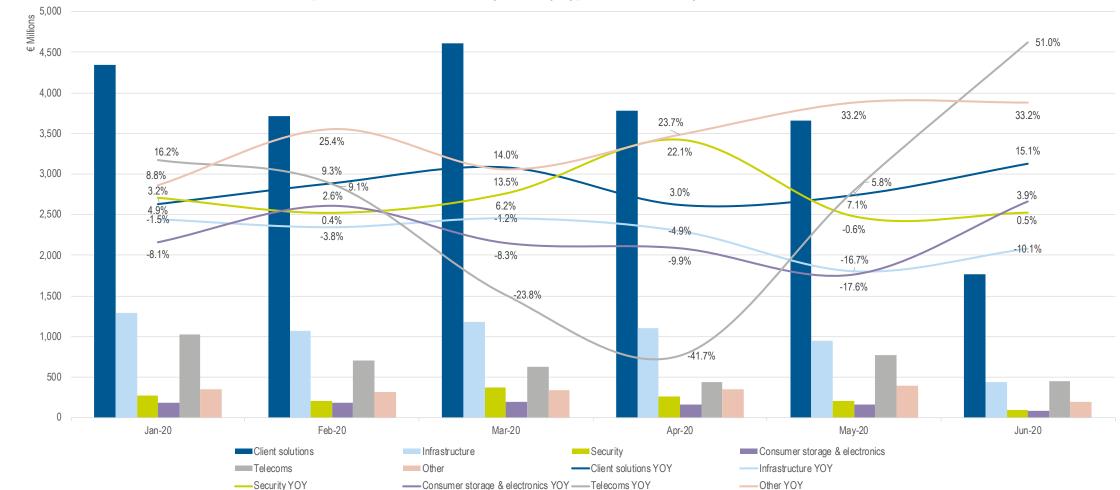
### **NEW VIRTUAL CATEGORIES – INDUSTRY TYPE**



CLIENT SOLUTIONS	CONSUMER ELECTRONICS & STORAGE	INFRASTRUCTURE	SECURITY	TELECOMS	OTHER
		INDUSTRY SECTOR			
Mobile Computing Printing Consumables Displays Warranties and Services Computing Components Desktop Computing Software and Licenses Printing Computing Accessories Audio-Video Systems Disk Storage Connectivity Home and Garden Scanner Imaging Terminals, Thin Clients Removable Storage Power Equipment Other	Audio-Video Systems Electronics Photo and Video Cameras Power Equipment Networking Systems Disk Storage Wireless Networking Removable Storage Other Networking Equipment Software and Licenses	Software and Licenses Disk Storage Server Computing Networking Systems Computing Components Power Equipment Other Networking Equipment Wireless Networking Data Center Networking Tape Storage Connectivity Audio-Video Systems	Software and Licenses Data Center Networking Security Other Networking- Equipment Security Devices	Telecommunications Unified Communications	Wearable Devices Smart Home eHealth Devices Displays Games Consoles Audio-Video Systems Software and Licenses

## ALL COUNTRIES: YTD TRENDS ANALYSED BY INDUSTRY TYPE



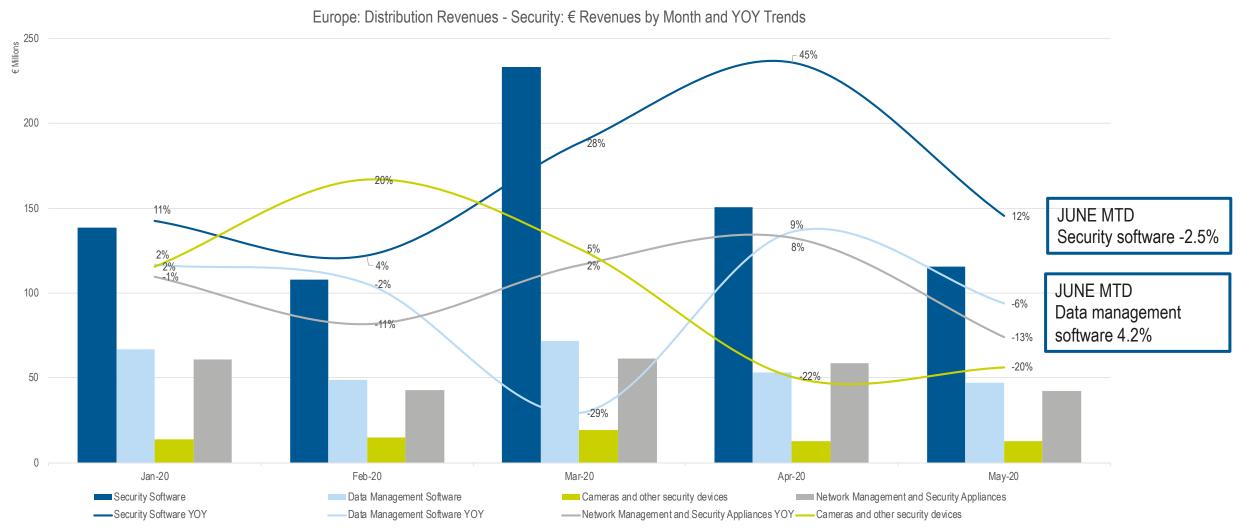


Europe: Distribution Revenues by Industry Type: € Revenues by Month and YOY Trends

Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway, Poland, Baltics, Czech Republic, Slovakia & Russia.

## SECURITY SOFTWARE SALES IN SHARP DECLINE IN MAY





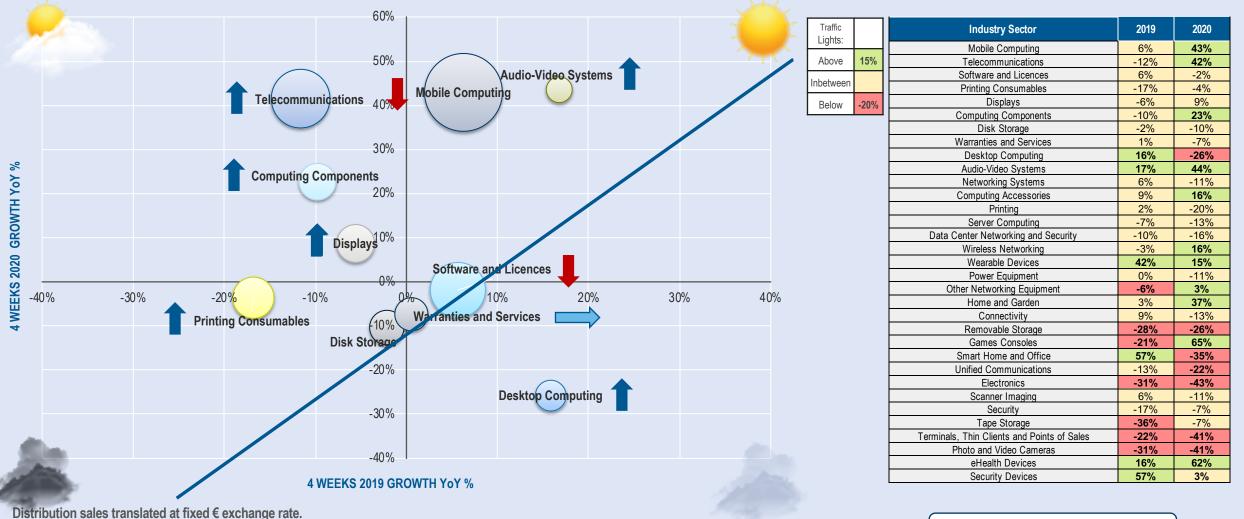
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## **INDUSTRY SECTOR TRENDS: TOP 10 BY REVENUE IN EUROS**



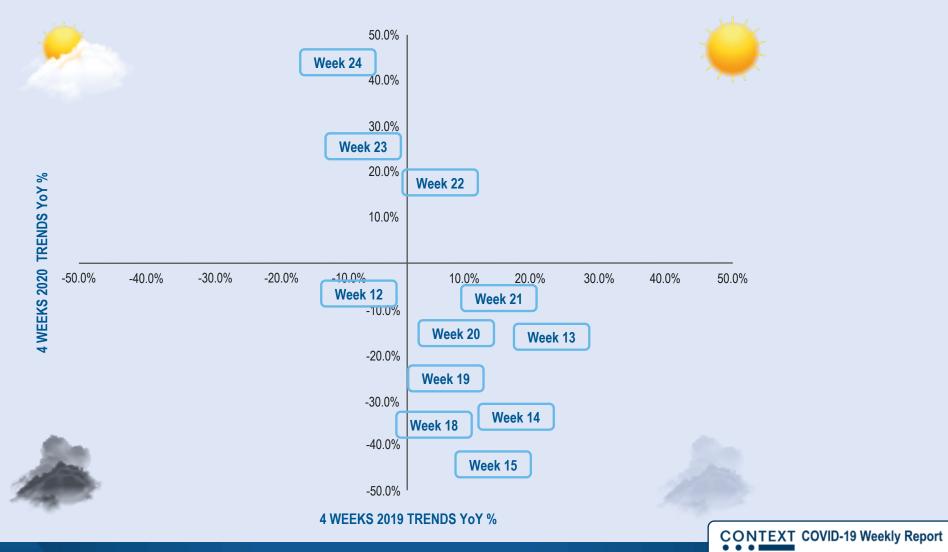
### % Change in sales through IT Distribution in €: 4 Weeks to Week 24 (14/06/20) vs same period 2019



Distribution sales translated at fixed & excitative rate.

## THE ASCENT OF TELECOMS

% Change in sales through IT Distribution in €: 4 Weekly revenues from Week 12 to Week 24





## **CATEGORY TRENDS: TOP 15 BY % REVENUE GROWTH**



### % Change in sales through IT Distribution in €: 4 Weeks to Week 24 (14/06/20) vs same period 2019

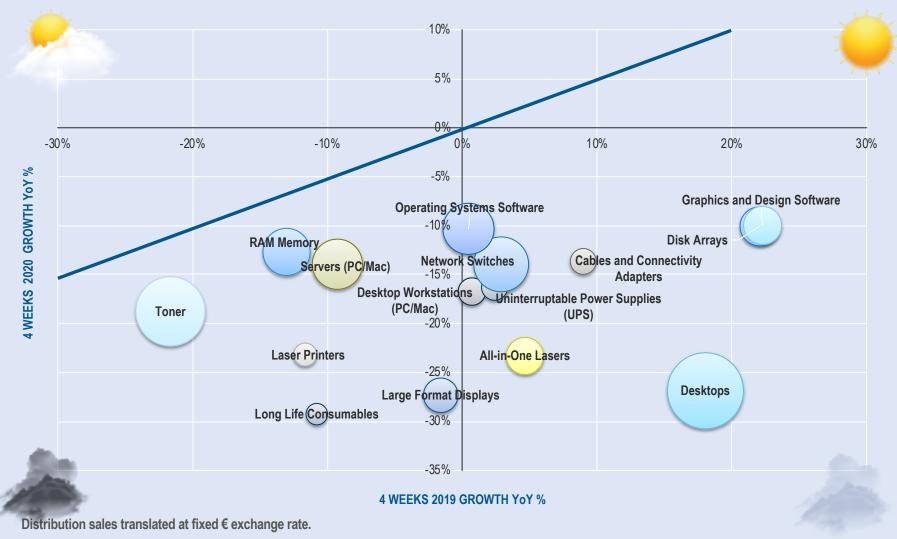


Distribution sales translated at fixed € exchange rate.

## **CATEGORY TRENDS: TOP 15 BY % REVENUE DECLINE**



### % Change in sales through IT Distribution in €: 4 Weeks to Week 24 (14/06/20) vs same period 2019



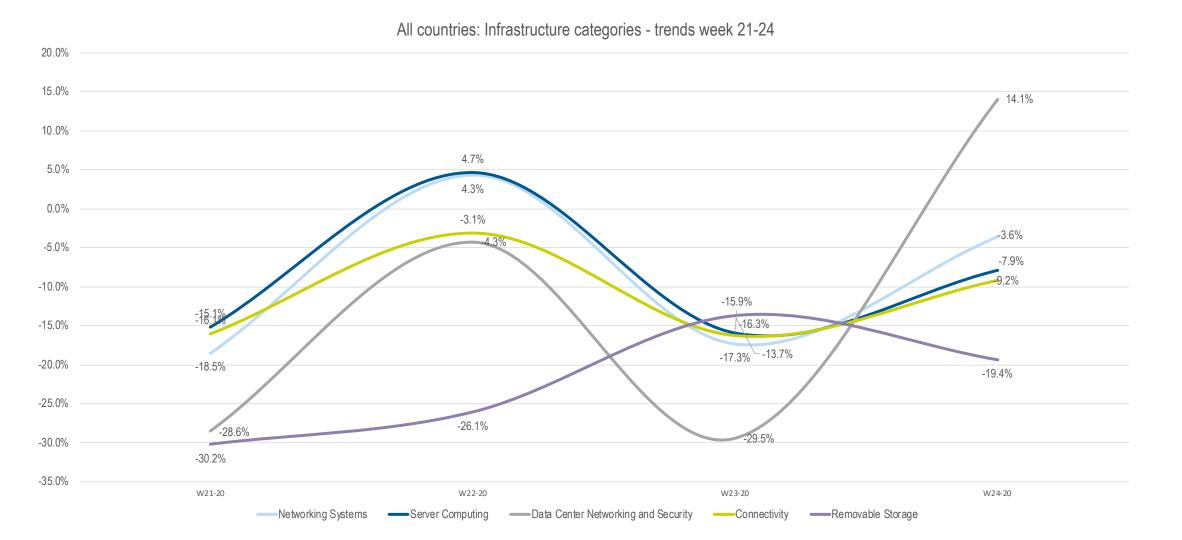
	Category	2019	2020
	Long Life Consumables	-11%	-29%
	Large Format Displays	-2%	-27%
%	Desktops	18%	-27%
/0	All-in-One Lasers	5%	-23%
	Laser Printers	-12%	-23%
	Toner	-22%	-19%
	Desktop Workstations (PC/Mac)	1%	-17%
%	Uninterruptable Power Supplies (UPS)	2%	-16%
	Network Switches	3%	-14%
	Servers (PC/Mac)	-9%	-14%
	Cables and Connectivity Adapters	9%	-14%
-	RAM Memory	-13%	-13%
-	Operating Systems Software	0%	-10%
-	Disk Arrays	22%	-10%
-	Graphics and Design Software	22%	-10%
	Network Expansion Modules	-22%	-10%
-	Network Management Software	15%	-10%
-	Network Management and Security Appliances	-17%	-8%
-	Warranties and Services	1%	-7%
-	Office Applications Software	7%	-5%
-	Network Routers	15%	-4%
-	NAS Devices	-14%	-4%
-	Data Management Software	-14%	-4%
-	Virtualisation Software	6%	0%
-	Docking Stations	19%	1%
-	Transceivers	-8%	2%
-	Security Software		
-	Database Management Software	<u>11%</u> -3%	3% 5%
-			
-	All-In-One Inkjets	-2%	10%
-	Wireless Access Points	-1%	15%
-	Ink Cartridges and Tanks	-12%	17%
	Mice	9%	21%
	Keyboards and Keypads	-1%	24%
-	Monitors	1%	26%
-	Televisions	-15%	26%
	Motherboards	26%	29%
	Smart Watches	49%	31%
	Mobile Computing Cases	17%	31%
	Other Software and Licences	-11%	36%
	Notebook Workstations	16%	36%
	Notebooks	6%	41%
	Processors	-5%	43%
	Smartphones	-12%	46%
	Tablet PCs	5%	49%
	Graphics Cards	-29%	58%
	Headsets/Headphones and Microphones	28%	75%
	Web Cameras	29%	108%

Traffic Lights: Above

Inbetweer Below

## SOME GREEN SHOOTS IN INFRASTRUCTURE ON WEEKLY VIEW





	Т	op 20 Growth Categorie	s, US Distribution Mark	et
		Ranked on Revenue %	6 Change (latest week)	
	US Dollar % Change			
	US 4 weeks ended 9/5/2020 (Wk 19)	US4 weeks ended 16/5/2020 (Wk 20)	US4 weeks ended 23/5/2020 (Wk 21)	US 4 weeks ended 06/6/2020 (Wk 23 )
USB Camera	133%	178%	129%	213%
BTO POS PCs	61%		42%	173%
BTO Servers	7%	23%	40%	73%
Motherboards	37%	35%	32%	56%
X86 CPU Chips	31%	29%	40%	45%
PC Headsets	57%	51%	51%	44%
Video cards	44%	47%	21%	24%
Tablets & e-readers - Cases	39%	37%	31%	24%
Power supplies	16%	6%		8%
Security Cameras				7%
Laptop Cases				5%
Communication Servers		8%	4%	3%
Notebook Accessories				1%
Notebook Computers	54%	46%	31%	0%
BTO Notebook Computers	19%	2%	11%	0%
SAN	44%			-1%
Tablets	34%	37%	32%	-1%
Inkjet Cartridges				-2%
Network Cables	3%		-8%	-2%
Bare-Bones Computers		11%	-5%	-3%

## **US HIGHLIGHTS**

### **Global Distribution Update** Top Growth Categories in US



### Notebooks have collapsed



Distribution sales in \$

		Top 20 Decline Categorie	es, US Distribution Market			
		Ranked on Revenue % Change (latest week)				
		US Dollar	% Change			
	US 4 weeks ended 9/5/2020 (Wk 19)	US 4 weeks ended 165/2020 (Wk 20)	US 4 weeks ended 23/5/2020 (Wk 21)	US4 weeks ended 06/6/2020 (Wk 23)		
Desktop Computers	-52%	-53%	-52%	-56%		
BTO Desktop Computers		-50%	-55%	-55%		
Laser SF Printers	-54%	-54%	-55%	-55%		
Storage Arrays (Hybrid and HDD)	-49%	-47%	-55%	-54%		
Workstations	-48%	-50%	-52%	-53%		
Laser Toner	-54%	-53%	-50%	-49%		
Detachable Lens Camera	-64%	-53%		-48%		
Projectors	-51%	-48%	-47%	-44%		
Servers		-48%		-43%		
Data Scanners				-41%		
Other Connectors		-40%	-40%	-40%		
Laser MF Printers	-41%	-41%	-40%	-40%		
Hyperconverged Systems	-43%	-44%	-48%	-40%		
Other Networking			-46%	-37%		
Mobile Power	-72%	-72%	-69%	-35%		
PBBA				-35%		
Desktop/Server Memory	-42%	-52%	-48%	-33%		
Telecom Equip				-33%		
Other Printer Accessories	-42%			-32%		
Notebook Memory				-30%		

## **US HIGHLIGHTS**

### **Global Distribution Update** Top Decline Categories in US

## Key infrastructure categories in -40% to -50% decline



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Distribution sales in \$

		Top 20 Decline Categorie	s WE Distribution Market	
		Ranked on Revenue %	GChange (latest week)	
		Euro %	Change	
	4 Weeks ended 17/5/2020 (Wk 19)	4 weeks ended 23/5/2020 (Wk 21)	4 weeks ended 30/5/2020 (Wk 22)	4 weeks ended 06/6/2020 (Wk 23)
Standalone GPS Devices	-94%	-93%	-89%	-92%
Presentation Devices	-78%	-82%	-85%	-80%
Privacy screens	-72%	-66%	-65%	-72%
Servers (Unix)	-71%	-77%	-82%	-69%
Dye Sublimation Printers	-64%	-57%	-65%	-66%
Digital Cameras	-69%	-67%	-65%	-65%
Home Sound Systems	-51%	-48%	-64%	-64%
Portable Power Banks	-79%	-74%	-70%	-62%
Smart Speakers	-64%	-52%	-52%	-57%
Label/Barcode/Receipt Printers	-52%	-60%	-55%	-56%
MP3/MP4 Players		-51%	-46%	-52%
USB Memory	-56%	-56%	-54%	-51%
Smartphone Screen Protectors	-70%	-63%	-47%	-49%
Smartphone Protective Cases	-65%	-63%	-58%	-49%
Desktop Thin Clients	-51%	-61%	-48%	-48%
Partner Rebates, Warehousing and Logistics		-64%	-48%	-47%
Server Accessories				-41%
Smartphone/Tablet Chargers	-58%		-46%	-41%
Projectors				-40%
Displays Accessories				-40%

## WE HIGHLIGHTS

### **Global Distribution Update** Top Decline Categories in WE

# None of the core categories are in the top declining ranking



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Distribution sales in \$





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#### **RETAIL TAKES MORE MARKET SHARE** Week 24

Business Sectors	Channel
Business Channels	Corporate Reseller
	Small and Medium Reseller
	Etailer Business
Retail Channels	Etailer Consumer
	Retail Chain

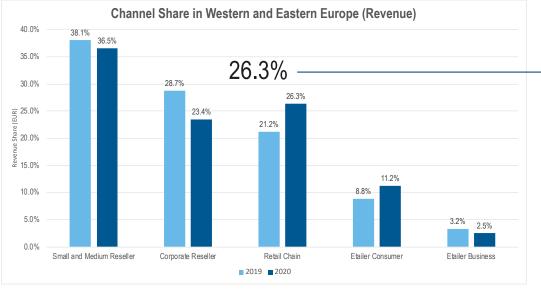
CH/	ANNEL TR	END
WE	EE	Total
-12%	-10%	-12%
7%	-4%	5%
-13%	-29%	-14%
47%	23%	43%
51%	35%	48%

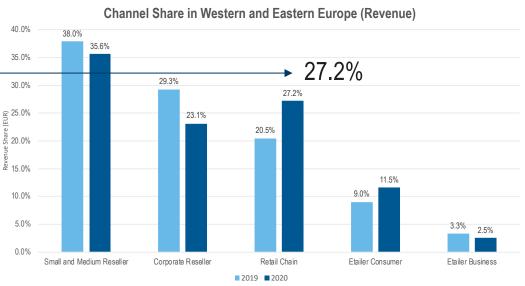
Week 24

Week 23						We
		CH/				
ıl		WE	EE	Total		
6		-10%	-16%	-11%		ľ
)		5%	3%	5%		
6		-12%	-33%	-14%		-
6		47%	-5%	39%		4
6		35%	40%	36%		2

/eek 22			Week 2	1	
CHANNEL TREND			CH/	ANNEL TRI	END
WE	EE	Total	WE	EE	Тс
-11%	-19%	-11%	-10%	-1%	-9
3%	-6%	2%	-4%	7%	-2
-12%	-23%	-13%	-14%	-19%	-1
49%	32%	46%	46%	17%	42
29%	49%	33%	10%	49%	10

Week 23





Distribution sales translated at fixed € exchange rate and includes: Western Europe: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway. Eastern Europe: Poland, Baltics, Czech Republic, Slovakia & Russia.

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15%

-20%

Total

-9%

-2%

-14%

42%

16%

Above

Below

Inbetween

## **SMR BOOM IN ITALY AND SPAIN**

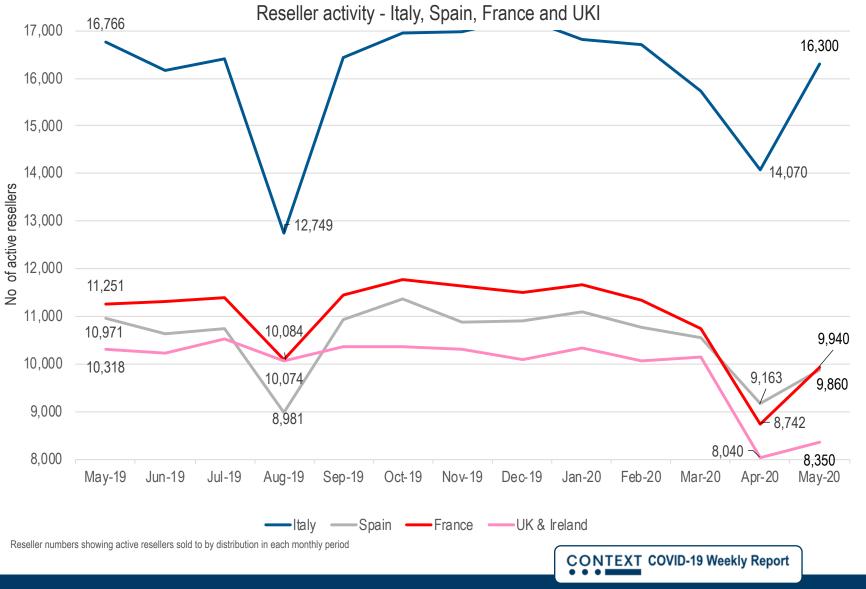
							WEST		OPE						
Business Sectors	Channel	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE
Business Channels	Corporate Reseller	-21%	5%	-10%	-6%	-27%	-40%	-30%	9%	-39%	13%	-23%	-22%	-11%	-10%
	Small and Medium Reseller	10%	-17%	24%	7%	21%	18%	6%	0%	-9%	3%	8%	12%	1%	9%
	Etailer Business	-4%	-13%	-10%	-18%	-5%	-20%	-24%	-8%	-43%	-6%	-2%	-31%	-12%	-27%
Retail Channels	Etailer Consumer	28%	79%	4%	14%	80%	40%	145%	72%	63%	37%	139%	10%	49%	35%
	Retail Chain	75%	36%	58%	62%	43%	60%	34%	33%	12%	47%	15%	48%	3%	31%

			EAS	TERN EUR	OPE	
Business Sectors	Channel	Russia	Poland	Czech Republic	Baltics	Slovakia
Business Channels	Corporate Reseller	-7%	-6%	-21%	-46%	-7%
	Small and Medium Reseller	-11%	5%	5%	5%	-19%
	Etailer Business	-50%	-7%	-3%	-41%	-31%
Retail Channels	Etailer Consumer	15%	31%	20%	61%	-40%
	Retail Chain	3%	51%	99%	106%	7%

Above	15%
Inbetween	
Below	<b>-20%</b>



## **ITALIAN RESELLERS RECOVER; FRANCE & SPAIN IN PROGRESS; UK BEHIND**

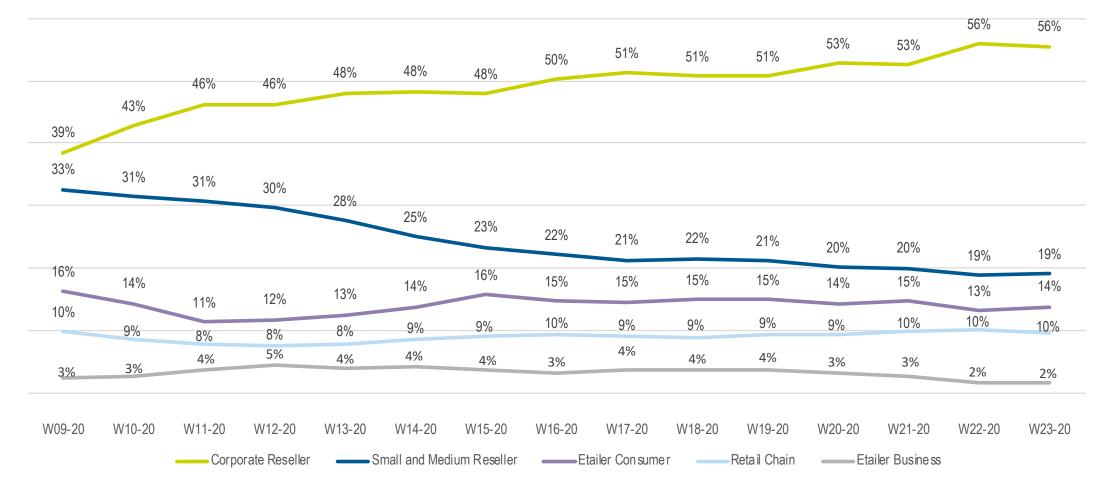


CONTEXT

## UK: CORPORATE RESELLERS HAVE TAKEN SHARE FROM SMR



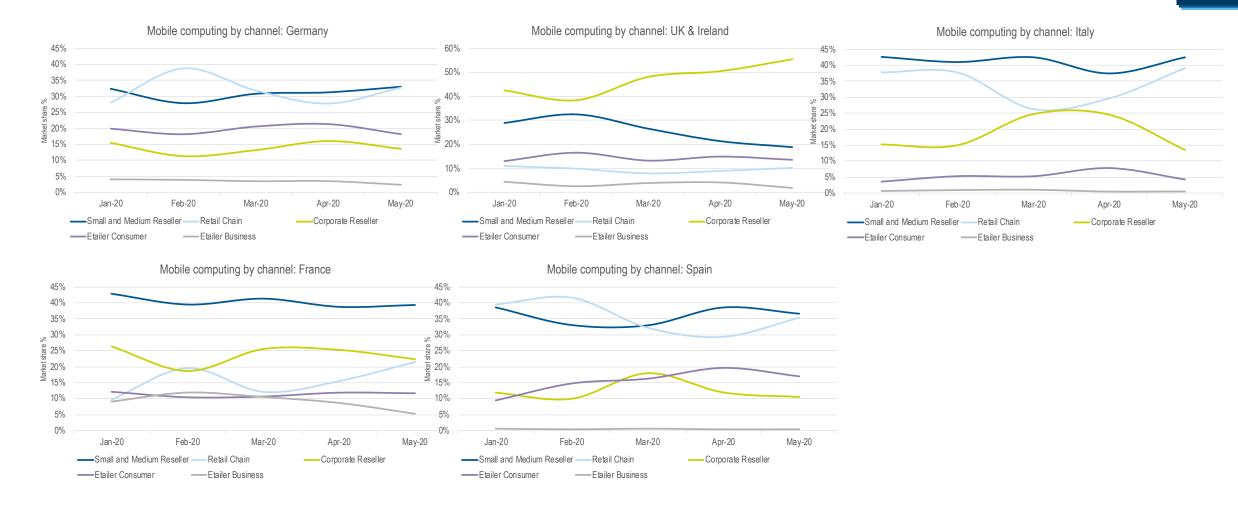




Distribution sales on a 4 week rolling basis, in £

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## **COUNTRY BY COUNTRY CHANNEL VIEW: MARKET SHARE (% REVENUES)**



Distribution sales on a 4 week rolling basis, in € at fixed rate exchange

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# Thank you!

## ANY QUESTIONS?



For the Period: 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

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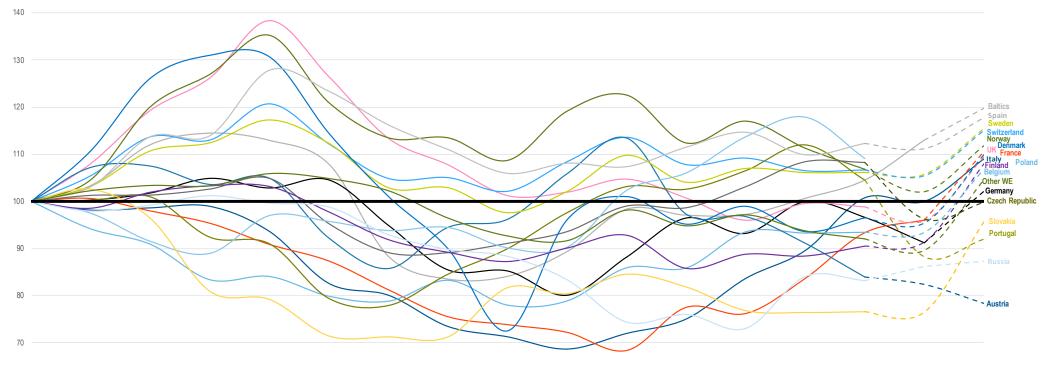
60

#### Index Total Market

Weekly Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)

#### Weekly Revenue Trend Index - All Countries

(Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W4 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W9 Pandemic W10 Pandemic W11 Pandemic W12 Pandemic W14 Pandemic W15 Pandemic W16 Pandemic W16

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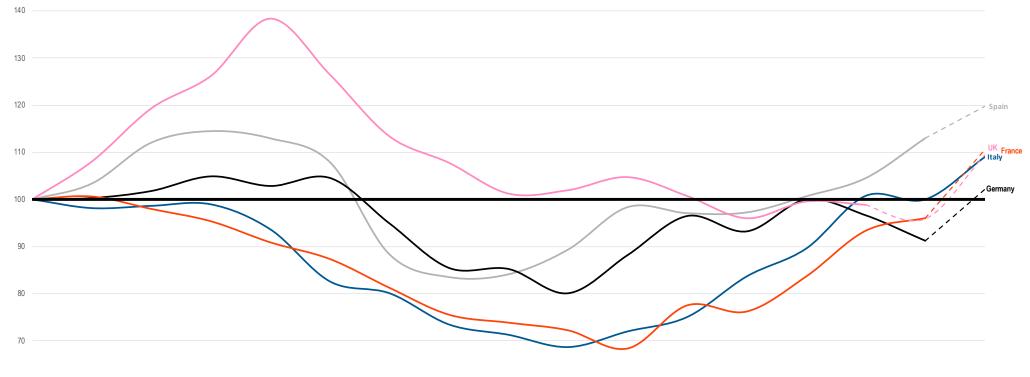
60

#### Index Total Market

Weekly Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)

#### Weekly Revenue Trend Index - All Countries





Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W4 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W11 Pandemic W12 Pandemic W14 Pandemic W15 Pandemic W16 Pandemic W16

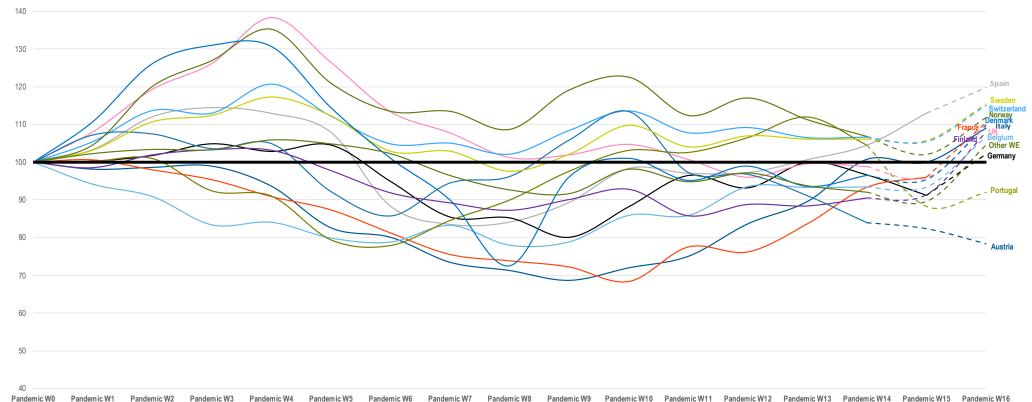
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#### Index Total Market WE

Weekly Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)

### Weekly Revenue Trend Index - Western European Countries (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



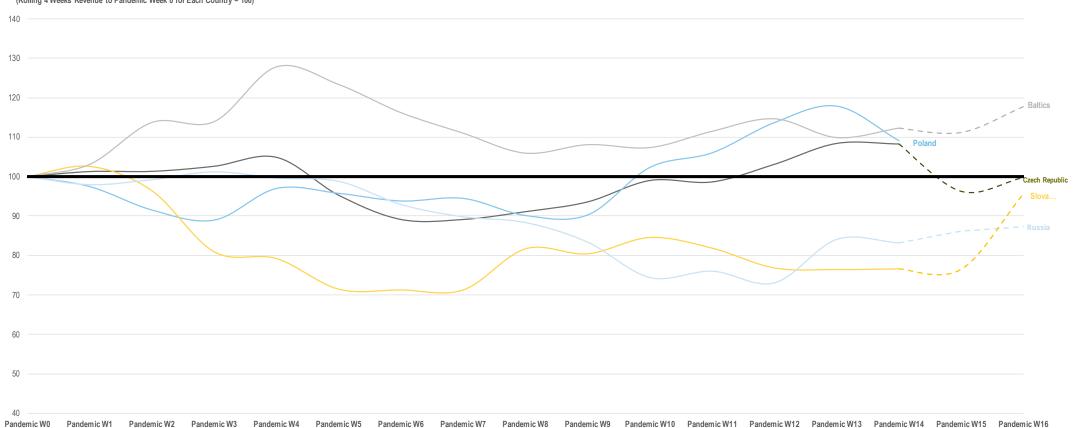
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#### Index Total Market EE

Weekly Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)

#### Weekly Revenue Trend Index - Eastern European Countries (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



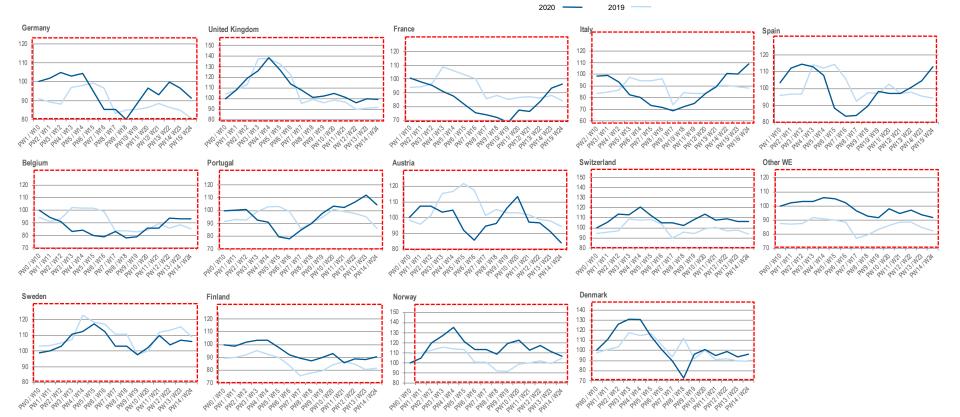
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#### Index Revenue Trend - Western Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



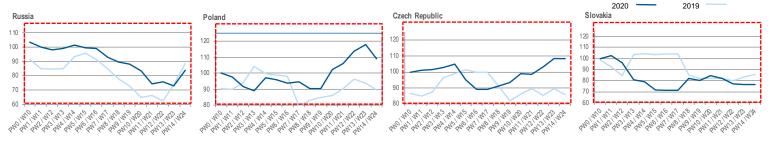
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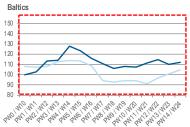
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#### Index Revenue Trend - Eastern Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)





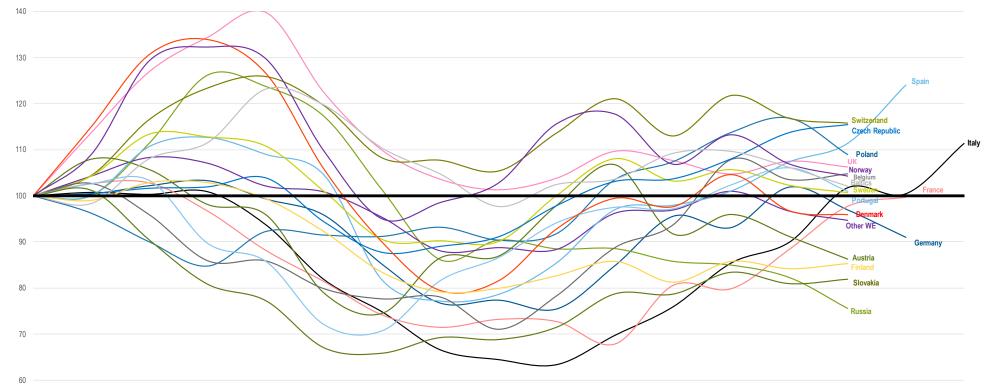
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Index Volume Market

#### Index Volume Market

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)

Weekly Revenue Trend Index - All Countries (Volume) (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W4 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W9 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W14 Pandemic W15 Pandemic W16 Pa

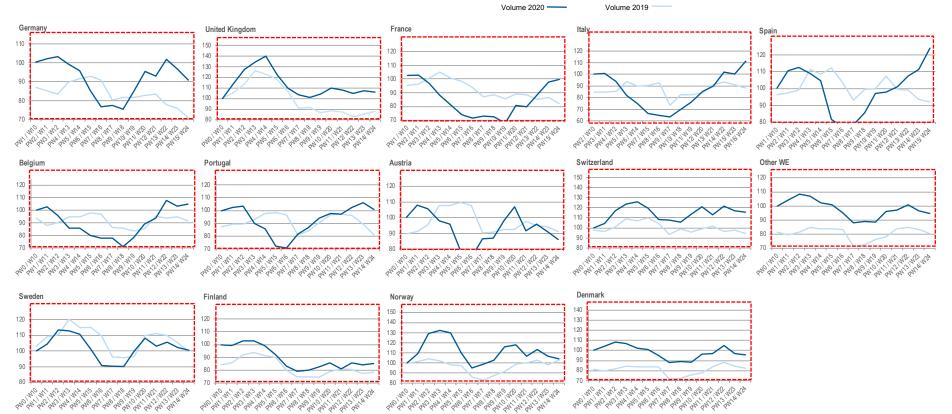
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#### Index Volume Market - Western Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



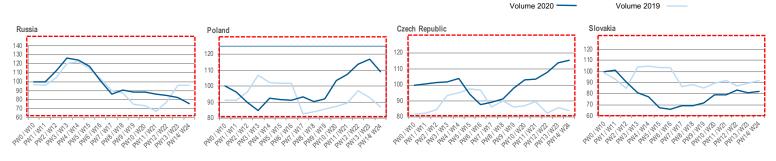
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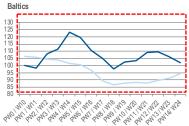
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#### Index Volume Market - Eastern Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)





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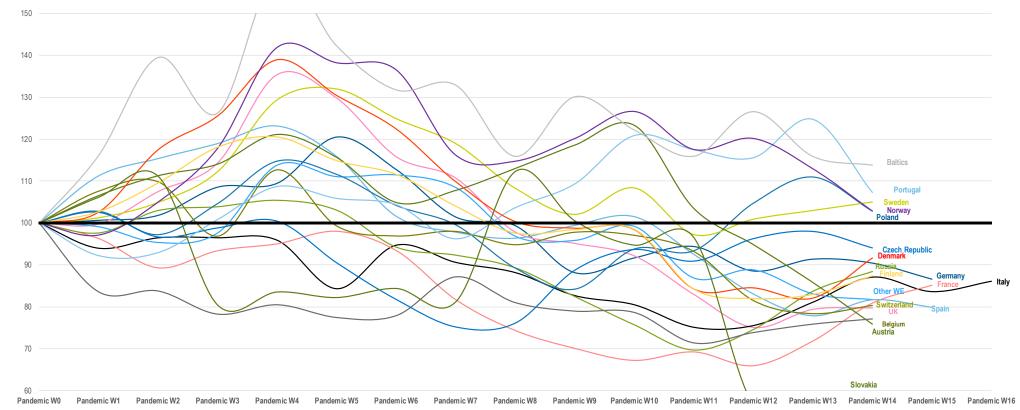
Index Value Market

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Index Value Market

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)





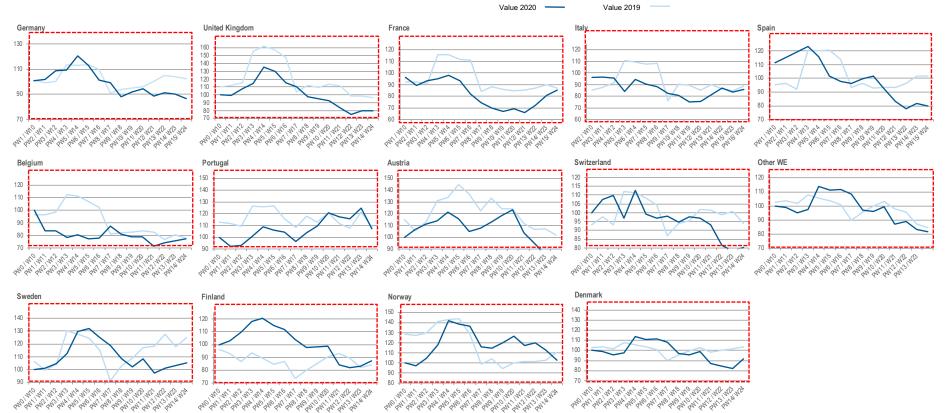
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#### Index Value Market - Western Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)



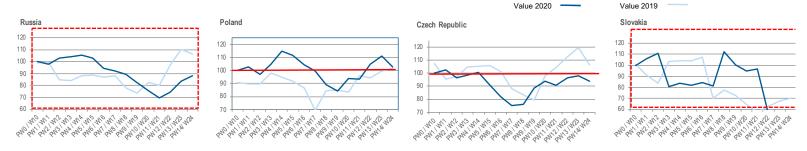
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#### Index Value Market - Eastern Europe

Revenue Trend Index (Rolling 4 Weeks Revenue to Pandemic Week 0 for Each Country = 100)





#### Weekly %YoY Trend

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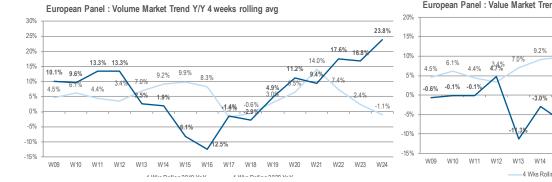
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#### Weekly %YoY Trend

% Change in sales through IT Distribution in Euros Rolling 4 Week Periods



Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway, Poland, Baltics, Czech Republic, Slovakia & Russia



European Panel : Value Market Trend Y/Y 4 weeks rolling avg



#### Weekly %YoY WE

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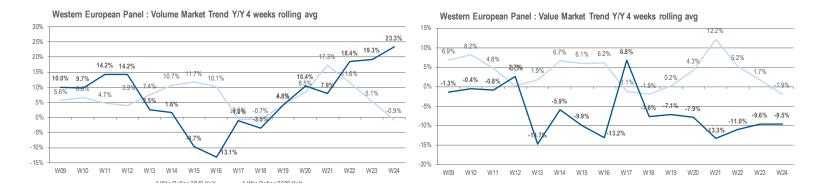
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#### Weekly %YoY Trend Western Europe

% Change in sales through IT Distribution in Euros Rolling 4 Week Periods



Distribution sales translated at fixed € exchange rate and includes: UKI, Germany, Italy, France, Spain, Merged countries, Switzerland, Sweden, Austria, Belgium, Denmark, Portugal, Finland, Norway



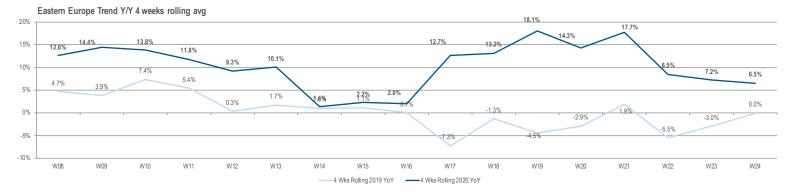
#### Weekly %YoY EE

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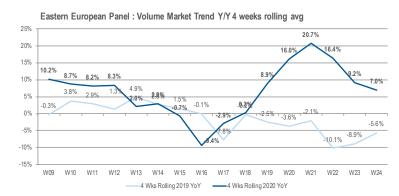
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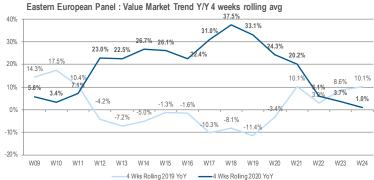
#### Weekly %YoY Trend

% Change in sales through IT Distribution in Euros Rolling 4 Week Periods



Distribution sales translated at fixed € exchange rate and includes: Poland, Baltics, Czech Republic, Slovakia & Russia

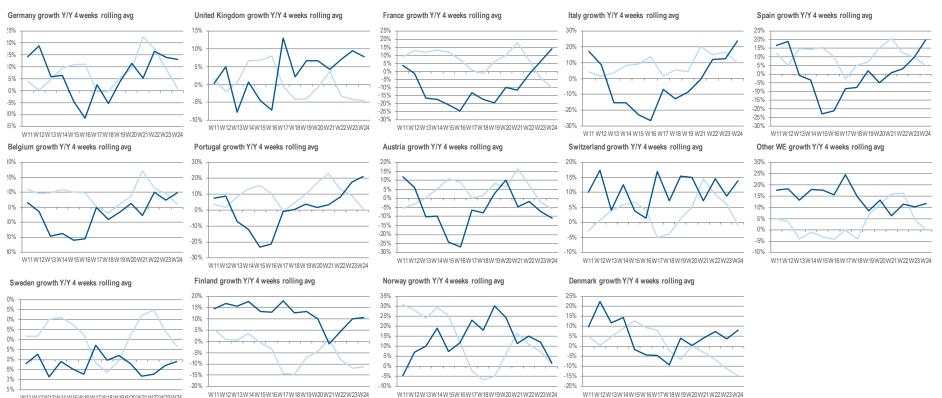




#### Weekly %YoY Trend WE Thumbnails

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#### Weekly %YoY Trend - Western Europe % Change in sales through IT Distribution in Euros Rolling 4 Week Periods



2020

2019

W11W12W13W14W15W16W17W18W19W20W21W22W23W24

W11W12W13W14W15W16W17W18W19W20W21W22W23W24

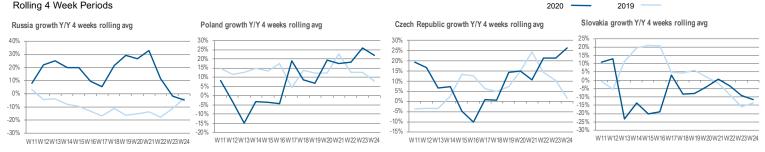
#### Weekly %YoY Trend EE Thumbnails

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#### Weekly %YoY Trend - Eastern Europe

% Change in sales through IT Distribution in Euros Rolling 4 Week Periods



#### Baltics growth Y/Y 4 weeks rolling avg



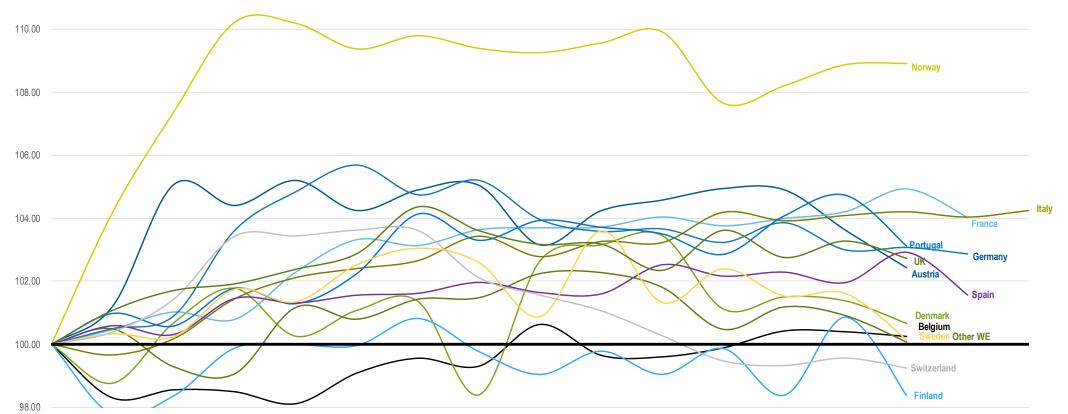
Index Notebooks APP Trend WE

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#### Weekly Notebooks Average Product Price Trend - Western Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)

Weekly Notebooks APP Trend Index - WE Countries (Pandemic Week 0 for Each Country = 100)



Pandemic W0 Pandemic W1 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W9 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 P

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

Index Notebooks APP Trend EE

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112.00

110.00

108.00

106.00

104.00

102.00

100.00

98.00

96.00

94.00

## Weekly Notebooks Average Product Price Trend - Eastern Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)

Weekly Notebooks APP Trend Index - EE Countries (Pandemic Week 0 for Each Country = 100) Poland Russia Czech Republic Baltics Slovakia

92.00

Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10 Pandemic W10 Pandemic W13 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

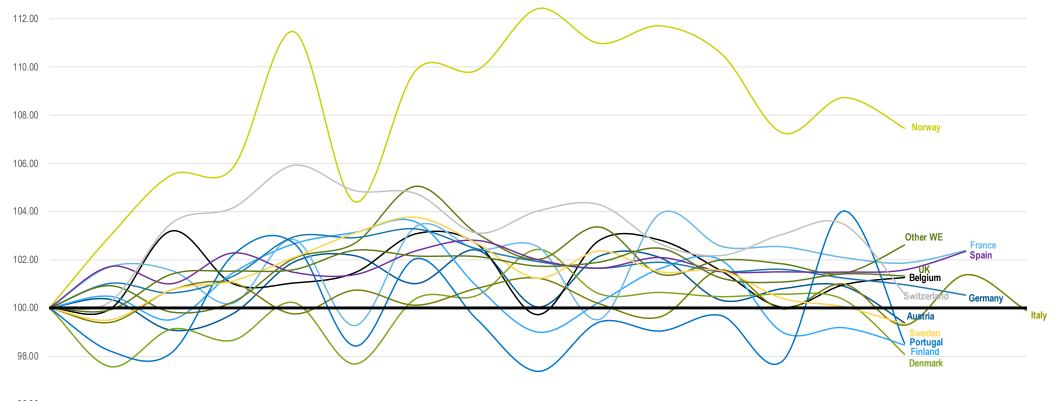
Index Monitors APP Trend WE

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#### Weekly Monitors Average Product Price Trend - Western Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)

Weekly Monitors Average Product Price Trend - WE Countries (Pandemic Week 0 for Each Country = 100)



96.00 -

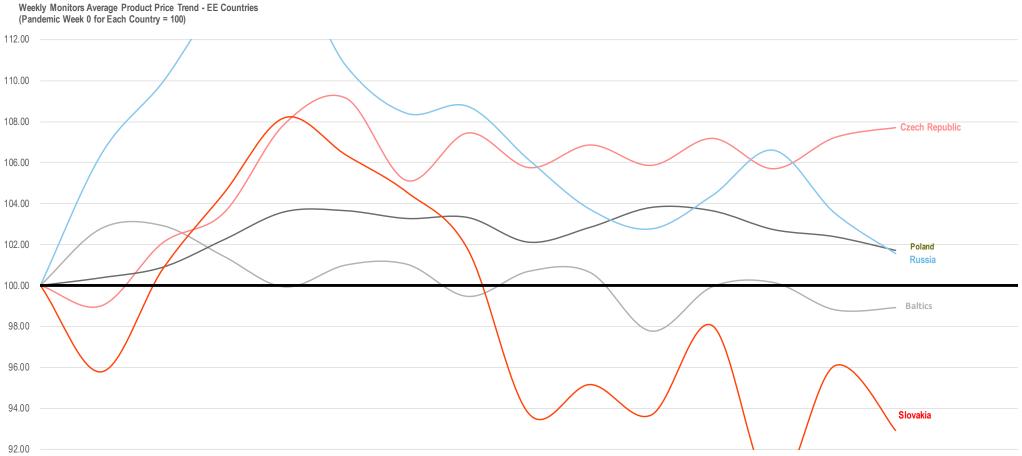
Pandemic W0 Pandemic W1 Pandemic W1 Pandemic W3 Pandemic W3 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 P

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

Index Monitors APP Trend EE

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## Weekly Monitors Average Product Price Trend - Eastern Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)



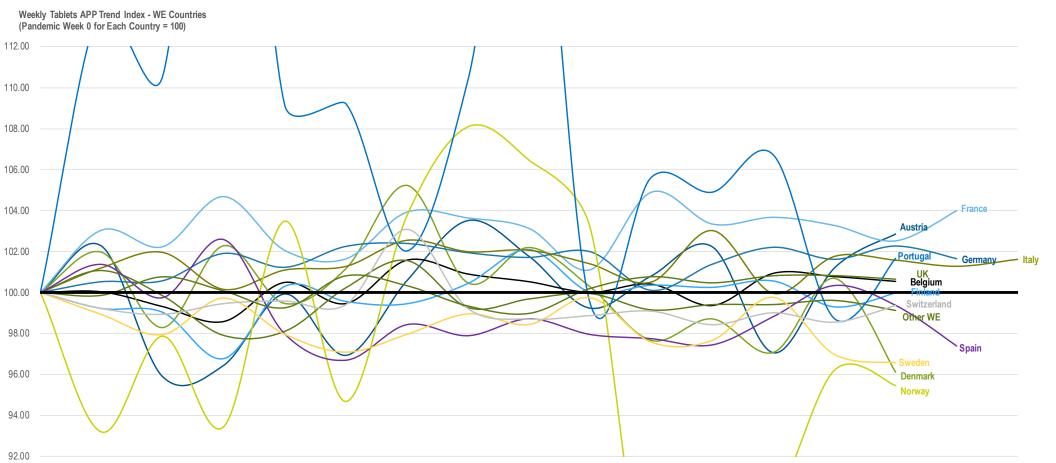
Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10 Pandemic W10 Pandemic W13 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

Index Tablets APP Trend WE

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## Weekly Tablets Average Product Price Trend - Western Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)



Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W10 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10 Pandemic W10 Pandemic W13 Pandemic W15 Pandemic W16 Pandemic W16 Pandemic W10 Pandemic W10

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

Index Tablets APP Trend

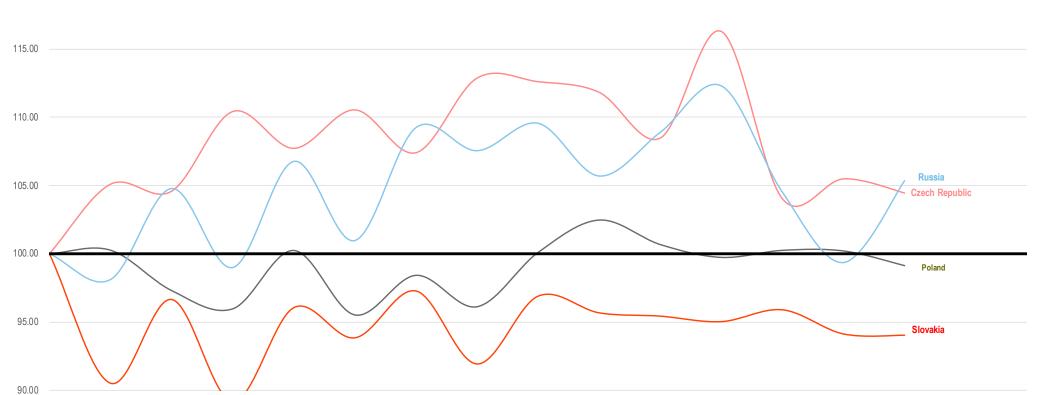
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#### Weekly Tablets Average Product Price Trend - Eastern Europe APP Trend Index (Pandemic Week 0 for Each Country = 100)

Weekly Tablets APP Trend Index - EE Countries (Pandemic Week 0 for Each Country = 100)





Pandemic W0 Pandemic W1 Pandemic W2 Pandemic W3 Pandemic W4 Pandemic W5 Pandemic W6 Pandemic W7 Pandemic W8 Pandemic W10 Pandemic W11 Pandemic W12 Pandemic W13 Pandemic W15 Pandemic W16

Distribution sell through price of notebook products by part number, translated at fixed € exchange rate, each product indexed to the start of country pandemic week 0.

Top Growth Industry © 2020 CONTEXT CONFIDENTIAL // Not to be reproduced or disse

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#### Top Growth IT Industry Sectors and Countries in Western and Eastern Europe

% Change in sales through IT Distribution in Euros

4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by top growth Industry sector and country size

				WESTERN EUROPE														EAS	TERN EUR	OPE		INDUSTRY SECTOR TREND					
Rank- W23	Rank- W24	Industry Sector	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total			
2	1 🏦	Audio-Video Systems	62%	4%	45%	6%	39%	185%	9%	63%	-15%	59%	71%	126%	37%	122%	-19%	80%	44%	47%	-49%	46%	19%	44%			
1	2 🦊	Mobile Computing	53%	58%	85%	28%	61%	38%	-11%	36%	14%	62%	21%	6%	10%	17%	-8%	70%	46%	55%	28%	46%	26%	43%			
3	з 📫	Telecommunications	65%	26%	55%	77%	69%	94%	38%	23%	-16%	19%	22%	13%	20%	27%	-45%	2%	51%	30%	109%	48%	3%	42%			
5	4 🏠	Computing Components	49%	9%	10%	4%	47%	20%	0%	2%	24%	-23%	-7%	44%	24%	44%	1%	49%	65%	34%	1%	23%	20%	23%			
6	5 🔒	Computing Accessories	24%	7%	19%	22%	17%	18%	-16%	8%	24%	73%	6%	-15%	16%	7%	30%	25%	37%	10%	9%	15%	27%	16%			
4	6 🖊	Wireless Networking	31%	22%	4%	-8%	-10%	11%	-38%	40%	6%	8%	-2%	-32%	102%	68%	-6%	44%	38%	-3%	12%	16%	15%	16%			
7	7 🔿	Wearable Devices	57%	25%	-7%	-22%	46%	-16%	-16%	22%	15%	61%	13%	-37%	-55%	-22%	-13%	-5%	22%	-50%	-66%	17%	-4%	15%			
8	8 ᅌ	Displays	17%	15%	-2%	-22%	26%	15%	-15%	-2%	14%	-43%	16%	20%	21%	7%	27%	9%	29%	5%	-34%	7%	17%	9%			
9	9 🖒	Other Networking Equipment	12%	8%	11%	-5%	5%	-29%	-4%	10%	-13%	-17%	-6%	-57%	-42%	17%	5%	7%	22%	-3%	12%	3%	6%	4%			
10	10 📫	Software and Licences	-16%	-11%	-6%	34%	-21%	-13%	9%	-4%	-9%	33%	18%	20%	-9%	5%	85%	-3%	-7%	-28%	-24%	-4%	25%	-2%			
13	11 🏠	Printing Consumables	1%	-24%	-3%	21%	7%	-15%	8%	-4%	-17%	5%	6%	-6%	-20%	27%	-35%	-11%	62%	-64%	-19%	0%	-19%	-4%			
12	12 📫	Warranties and Services	-11%	4%	48%	-10%	-8%	-21%	-32%	-8%	-40%	23%	-38%	-14%	5%	-16%	-30%	2%	-19%	-45%	-41%	-6%	-24%	-7%			
18	13 🏠	Disk Storage	-9%	-18%	-6%	-2%	-8%	2%	19%	3%	-11%	64%	-39%	-33%	-34%	-19%	-21%	5%	-29%	14%	-54%	-9%	-16%	-10%			
11	14 🦊	Scanner Imaging	-25%	-12%	-29%	-5%	15%	-7%	-28%	-58%	9%	-35%	-23%	-12%	-9%	0%	13%	-7%	11%	14%	-51%	-16%	10%	-11%			
14	15 🦊	Networking Systems	-1%	-28%	10%	-14%	-43%	-19%	-11%	-7%	-37%	-28%	4%	1%	-32%	-2%	3%	-1%	53%	18%	-38%	-14%	4%	-11%			
17	16 🏫	Power Equipment	3%	-25%	-23%	-25%	-24%	-10%	-7%	2%	-10%	-16%	4%	11%	-11%	21%	-11%	-20%	3%	-15%	-18%	-11%	-12%	-11%			
15	17 🦊	Connectivity	15%	-35%	-30%	-8%	-6%	-4%	-22%	-14%	3%	-16%	29%	-6%	-11%	-12%	-27%	7%	5%	-3%	-7%	-12%	-14%	-13%			
16	18 🦊	Server Computing	-28%	-13%	36%	-35%	-15%	-41%	-70%	24%	-55%	47%	-14%	95%	-2%	-17%	-3%	93%	-56%	-4%	134%	-20%	10%	-14%			
21	19 🏫	Data Center Networking and Security	-20%	0%	-15%	-38%	19%	-22%	-14%	-47%	-41%	-18%	-10%	-22%	-55%	1%	-30%	-14%	211%	54%	10%	-15%	-20%	-16%			
19	20 🦊	Printing	-6%	-25%	-30%	-33%	-4%	-19%	-22%	-23%	33%	-40%	-28%	-17%	-13%	-7%	-37%	13%	5%	18%	-34%	-19%	-24%	-20%			
20	21 🦊	Unified Communications	8%	-57%	-35%	-55%	-8%	2%	-79%	-31%	-65%	346%	-12%	-75%	-27%	-50%	-25%	228%	-77%	-48%	-8%	-23%	-16%	-22%			
22	22 ᅌ	Desktop Computing	-35%	-47%	-32%	-21%	-21%	-2%	-27%	-20%	-27%	-31%	-29%	-3%	-49%	-25%	-5%	-7%	3%	-27%	-11%	-30%	-6%	-26%			
24	23 🏠	Removable Storage	-1%	-56%	-13%	37%	-55%	93%	-33%	-28%	-25%	-73%	-13%	-33%	-56%	-21%	-40%	-8%	-32%	-26%	-31%	-26%	-24%	-26%			
23	24 🦊	Smart Home and Office	-23%	14%	-78%	3%	-78%	-39%	-38%	-72%	-40%	401%	-67%	163%	11%	-47%	44%	266%	148%	6175%	56%	-38%	368%	-35%			
		Country Trend	13%	8%	24%	14%	20%	14%	-1%	10%	-11%	21%	8%	11%	2%	12%	-5%	22%	26%	7%	-11%						

Traffic Lights	:
Above	15%
Inbetween	
Below	-20%

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Top Decline IT Industry Sectors and Countries in Western and Eastern Europe % Change in sales through IT Distribution in Euros

4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by fastest declining Industry sector and country size

										WESTERN	EUROPE							EASTERN EUROPE				
Rank- W23	Rank- W24		Industry Sector	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia
2	1	€	Smart Home and Office	-23%	14%	-78%	3%	-78%	-39%	-38%	-72%	-40%	401%	-67%	163%	11%	-47%	44%	266%	148%	6175%	56%
1	2	4	Removable Storage	-1%	-56%	-13%	37%	-55%	93%	-33%	-28%	-25%	-73%	-13%	-33%	-56%	-21%	-40%	-8%	-32%	-26%	-31%
3	3	J,	Desktop Computing	-35%	-47%	-32%	-21%	-21%	-2%	-27%	-20%	-27%	-31%	-29%	-3%	-49%	-25%	-5%	-7%	3%	-27%	-11%
5	4		Unified Communications	8%	-57%	-35%	-55%	-8%	2%	-79%	-31%	-65%	346%	-12%	-75%	-27%	-50%	-25%	228%	-77%	-48%	-8%
6	5		Printing	-6%	-25%	-30%	-33%	-4%	-19%	-22%	-23%	33%	-40%	-28%	-17%	-13%	-7%	-37%	13%	5%	18%	-34%
4	6	4	Data Center Networking and Security	-20%	0%	-15%	-38%	19%	-22%	-14%	-47%	-41%	-18%	-10%	-22%	-55%	1%	-30%	-14%	211%	54%	10%
9	7	♠	Server Computing	-28%	-13%	36%	-35%	-15%	-41%	-70%	24%	-55%	47%	-14%	95%	-2%	-17%	-3%	93%	-56%	-4%	134%
10	8	♠	Connectivity	15%	-35%	-30%	-8%	-6%	-4%	-22%	-14%	3%	-16%	29%	-6%	-11%	-12%	-27%	7%	5%	-3%	-7%
8	9	₽	Power Equipment	3%	-25%	-23%	-25%	-24%	-10%	-7%	2%	-10%	-16%	4%	11%	-11%	21%	-11%	-20%	3%	-15%	-18%
11	10		Networking Systems	-1%	-28%	10%	-14%	-43%	-19%	-11%	-7%	-37%	-28%	4%	1%	-32%	-2%	3%	-1%	53%	18%	-38%
14	11		Scanner Imaging	-25%	-12%	-29%	-5%	15%	-7%	-28%	-58%	9%	-35%	-23%	-12%	-9%	0%	13%	-7%	11%	14%	-51%
7	12	₽	Disk Storage	-9%	-18%	-6%	-2%	-8%	2%	19%	3%	-11%	64%	-39%	-33%	-34%	-19%	-21%	5%	-29%	14%	-54%
13	13	₽	Warranties and Services	-11%	4%	48%	-10%	-8%	-21%	-32%	-8%	-40%	23%	-38%	-14%	5%	-16%	-30%	2%	-19%	-45%	-41%
12	14	₽	Printing Consumables	1%	-24%	-3%	21%	7%	-15%	8%	-4%	-17%	5%	6%	-6%	-20%	27%	-35%	-11%	62%	-64%	-19%
16	15		Software and Licences	-16%	-11%	-6%	34%	-21%	-13%	9%	-4%	-9%	33%	18%	20%	-9%	5%	85%	-3%	-7%	-28%	-24%
15	16	Ŷ	Other Networking Equipment	12%	8%	11%	-5%	5%	-29%	-4%	10%	-13%	-17%	-6%	-57%	-42%	17%	5%	7%	22%	-3%	12%
17	17	4	Displays	17%	15%	-2%	-22%	26%	15%	-15%	-2%	14%	-43%	16%	20%	21%	7%	27%	9%	29%	5%	-34%
18	18	4	Wearable Devices	57%	25%	-7%	-22%	46%	-16%	-16%	22%	15%	61%	13%	-37%	-55%	-22%	-13%	-5%	22%	-50%	-66%
21	19		Wireless Networking	31%	22%	4%	-8%	-10%	11%	-38%	40%	6%	8%	-2%	-32%	102%	68%	-6%	44%	38%	-3%	12%
19	20		Computing Accessories	24%	7%	19%	22%	17%	18%	-16%	8%	24%	73%	6%	-15%	16%	7%	30%	25%	37%	10%	9%
20	21	Ŷ	Computing Components	49%	9%	10%	4%	47%	20%	0%	2%	24%	-23%	-7%	44%	24%	44%	1%	49%	65%	34%	1%
22	22	\$	Telecommunications	65%	26%	55%	77%	69%	94%	38%	23%	-16%	19%	22%	13%	20%	27%	-45%	2%	51%	30%	109%
24	23		Mobile Computing	53%	58%	85%	28%	61%	38%	-11%	36%	14%	62%	21%	6%	10%	17%	-8%	70%	46%	55%	28%
23	24	Ŷ	Audio-Video Systems	62%	4%	45%	6%	39%	185%	9%	63%	-15%	59%	71%	126%	37%	122%	-19%	80%	44%	47%	-49%
			Country Trend	13%	8%	24%	14%	20%	14%	-1%	10%	-11%	21%	8%	11%	2%	12%	-5%	22%	26%	7%	-11%

Traffic Light	s:
Above	15%
Inbetween	
Below	-20%

INDUSTR'	Y SECTOR 1	REND
WE	EE	Total
-38%	368%	-35%
-26%	-24%	-26%
-30%	-6%	-26%
-23%	-16%	-22%
-19%	-24%	-20%
-15%	-20%	-16%
-20%	10%	-14%
-12%	-14%	-13%
-11%	-12%	-11%
-14%	4%	-11%
-16%	10%	-11%
-9%	-16%	-10%
-6%	-24%	-7%
0%	-19%	-4%
-4%	25%	-2%
3%	6%	4%
7%	17%	9%
17%	-4%	15%
16%	15%	16%
15%	27%	16%
23%	20%	23%
48%	3%	42%
46%	26%	43%
46%	19%	44%

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## Largest IT Industry Sectors and Countries in Western and Eastern Europe % Change in sales through IT Distribution in Euros

4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by largest industry sector and largest country. Displays top two categories (by revenue) within each Industry sector.

								1	WESTERN	EUROPE								ROPE			
Rank- W23	Rank- W24	Industry Sector	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia
1	1 🚽	Mobile Computing	53%	58%	85%	28%	61%	38%	-11%	36%	14%	62%	21%	6%	10%	17%	-8%	70%	46%	55%	28%
2	2 📫	Telecommunications	65%	26%	55%	77%	69%	94%	38%	23%	-16%	19%	22%	13%	20%	27%	-45%	2%	51%	30%	109%
3	3 🕇	Software and Licences	-16%	-11%	-6%	34%	-21%	-13%	9%	-4%	-9%	33%	18%	20%	-9%	5%	85%	-3%	-7%	-28%	-24%
4	4 🕇	Printing Consumables	1%	-24%	-3%	21%	7%	-15%	8%	-4%	-17%	5%	6%	-6%	-20%	27%	-35%	-11%	62%	-64%	-19%
5	5 🕇	Displays	17%	15%	-2%	-22%	26%	15%	-15%	-2%	14%	-43%	16%	20%	21%	7%	27%	9%	29%	5%	-34%
6	6 🕇	Computing Components	49%	9%	10%	4%	47%	20%	0%	2%	24%	-23%	-7%	44%	24%	44%	1%	49%	65%	34%	1%
7	7 🕇	Disk Storage	-9%	-18%	-6%	-2%	-8%	2%	19%	3%	-11%	64%	-39%	-33%	-34%	-19%	-21%	5%	-29%	14%	-54%
8	8 🕇	Warranties and Services	-11%	4%	48%	-10%	-8%	-21%	-32%	-8%	-40%	23%	-38%	-14%	5%	-16%	-30%	2%	-19%	-45%	-41%
9	9 📫	Desktop Computing	-35%	-47%	-32%	-21%	-21%	-2%	-27%	-20%	-27%	-31%	-29%	-3%	-49%	-25%	-5%	-7%	3%	-27%	-11%
10	10 📫	Audio-Video Systems	62%	4%	45%	6%	39%	185%	9%	63%	-15%	59%	71%	126%	37%	122%	-19%	80%	44%	47%	-49%
11	11 🕇	Networking Systems	-1%	-28%	10%	-14%	-43%	-19%	-11%	-7%	-37%	-28%	4%	1%	-32%	-2%	3%	-1%	53%	18%	-38%
13	12 1	<ul> <li>Computing Accessories</li> </ul>	24%	7%	19%	22%	17%	18%	-16%	8%	24%	73%	6%	-15%	16%	7%	30%	25%	37%	10%	9%
12	13 🤳	Printing	-6%	-25%	-30%	-33%	-4%	-19%	-22%	-23%	33%	-40%	-28%	-17%	-13%	-7%	-37%	13%	5%	18%	-34%
14	14 📫	Server Computing	-28%	-13%	36%	-35%	-15%	-41%	-70%	24%	-55%	47%	-14%	95%	-2%	-17%	-3%	93%	-56%	-4%	134%
15	15 📫	Data Center Networking and Security	-20%	0%	-15%	-38%	19%	-22%	-14%	-47%	-41%	-18%	-10%	-22%	-55%	1%	-30%	-14%	211%	54%	10%
16	16 🕇	Wireless Networking	31%	22%	4%	-8%	-10%	11%	-38%	40%	6%	8%	-2%	-32%	102%	68%	-6%	44%	38%	-3%	12%
17	17 🕇	Wearable Devices	57%	25%	-7%	-22%	46%	-16%	-16%	22%	15%	61%	13%	-37%	-55%	-22%	-13%	-5%	22%	-50%	-66%
18	18 📫	Power Equipment	3%	-25%	-23%	-25%	-24%	-10%	-7%	2%	-10%	-16%	4%	11%	-11%	21%	-11%	-20%	3%	-15%	-18%
19	19 📫	Other Networking Equipment	12%	8%	11%	-5%	5%	-29%	-4%	10%	-13%	-17%	-6%	-57%	-42%	17%	5%	7%	22%	-3%	12%
20	20 📫	Connectivity	15%	-35%	-30%	-8%	-6%	-4%	-22%	-14%	3%	-16%	29%	-6%	-11%	-12%	-27%	7%	5%	-3%	-7%
22	21 1	Removable Storage	-1%	-56%	-13%	37%	-55%	93%	-33%	-28%	-25%	-73%	-13%	-33%	-56%	-21%	-40%	-8%	-32%	-26%	-31%
21	22 🤳	Games Consoles	101%		62%	100%	30%	80%	156%	58%	249%	397%	114%	-12%	1474%	98%	45%	65%	-31%	29%	4%
23	23 📫	Smart Home and Office	-23%	14%	-78%	3%	-78%	-39%	-38%	-72%	-40%	401%	-67%	163%	11%	-47%	44%	266%	148%	6175%	56%
25	24 1	Unified Communications	8%	-57%	-35%	-55%	-8%	2%	-79%	-31%	-65%	346%	-12%	-75%	-27%	-50%	-25%	228%	-77%	-48%	-8%
24	25 🤳	Electronics	-27%	-83%	-63%	-17%	-75%	-13%	38%	-42%	-69%	-55%	-54%	-75%	-75%	-60%	32%	-35%	-7%	-74%	-63%
26	26 📫	Scanner Imaging	-25%	-12%	-29%	-5%	15%	-7%	-28%	-58%	9%	-35%	-23%	-12%	-9%	0%	13%	-7%	11%	14%	-51%
27	27 📫	Security	16%	15%	-57%	-48%	-25%	-2%	-36%	-11%	-4%	206%	93%	11%	0%	53%	4%	11%	126%	52%	58%
29	28 1	* Tape Storage	18%	-40%	-39%	-24%	-118%	-52%	-16%	105%	-32%	54%	-25%	11%	-43%	11%	109%	-29%	32%	-20%	-18%
28	29 🤳	Terminals, Thin Clients and Points of Sale	-58%	-40%	-66%	-38%	-56%	-44%	-32%	115%	-68%	-83%	-59%	132%	-60%	-37%	28%	11%	-34%	-90%	-61%
30	30 🚽	Photo and Video Cameras	-22%	-35%	-55%	-79%	-48%	-27%	-81%	-40%	-71%	-50%	-34%	-59%	-67%	-59%	-44%	-23%	-35%	-46%	-23%

Traffic Ligh	ıts:
Above	15%
Inbetween	
Below	-20%

WE	EE	Total										
46%	26%	43%										
48%	3%	42%										
-4%	25%	-2%										
0%	-19%	-4%										
7%	17%	9%										
23%	20%	23%										
-9%	-16%	-10%										
-6%	-24%	-7%										
-30%	-6%	-26%										
46%	19%	44%										
-14%	4%	-11%										
15%	27%	16%										
-19%	-24%	-20%										
-20%	10%	-14%										
-15%	-20%	-16%										
16%	15%	16%										
17%	-4%	15%										
-11%	-12%	-11%										
3%	6%	4%										
-12%	-14%	-13%										
-26%	-24%	-26%										
88%	34%	65%										
-38%	368%	-35%										
-23%	-16%	-22%										
-54%	5%	-43%										
-16%	10%	-11%										
-12%	23%	-7%										
-14%	48%	-7%										
-46%	8%	-41%										
-49%	-30%	-41%										

#### Top Growth Category Back to Contents

#### Top Growth Categories in Western and Eastern Europe

% Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by top growth categories and country size

									WESTERN	EUROPE								EAS	STERN EUR	OPE		с	ATEGORY TR	END
Rank-		Colores .	<b>0</b>	UK &	H-L.	F	Carla	Outleasterd	Quandaria	Datation	A	Destural	Desmark	Finland	Newsy	Other WE	Durala	Poland	Czech	Delilee	Olevelde	WE	EE	Tet
W23	W24	Category	Germany	Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Republic	Baltics	Slovakia	WE		Tot
3	1 1	Web Cameras	97%	170%	211%	282%	118%	98%	-3%	69%	108%	144%	125%	153%	-12%	128%	21%	44%	353%	37%	66%	118%	55%	108
2	2 📫	Games Accessories	111%		91%	97%	21%	85%	54%	58%	103%	268%	116%	17%	2235%	93%	43%	149%	107%	40%	44%	87%	111%	92
4	3 1	Headsets/Headphones and Microphones	86%	23%	111%	20%	112%	348%	13%	92%	-12%	109%	83%	170%	22%	148%	18%	121%	54%	55%	-58%	79%	41%	76
5	4 1	Smart Lighting and Electricals	66%	85%	4%	463%	-49%	66%	43%	-16%	132%	229%	-93%	197%	67%	-62%	67%	195%	250%	386%	217%	57%	185%	62
8	5 1	Graphics Cards	68%	151%	98%	-20%	67%	61%	20%	27%	44%	18%	31%	25%	-74%	128%	-20%	45%	103%	54%	-6%	74%	19%	58
11	6 1	Tablet PCs	54%	86%	105%	-6%	88%	26%	-14%	38%	16%	81%	96%	7%	13%	12%	4%	27%	147%	46%	79%	50%	40%	49
14	7 1	Smartphones	67%	40%	57%	93%	76%	100%	41%	24%	-18%	23%	22%	12%	20%	28%	-49%	5%	52%	31%	129%	52%	6%	46
13	8 1	Processors	79%	18%	1%	39%	58%	194%	8%	36%	48%	-39%	16%	111%	108%	69%	1%	73%	100%	91%	21%	46%	33%	43
18	9 1	E-Readers	12%	66%	65%	104%	35%	39%	19%		-23%	-37%	377%	23%	-99%	3%	263%	42%	1144%	17%	-3%	22%	188%	42
7	10 🤳	Notebooks	54%	51%	81%	45%	55%	41%	-13%	34%	11%	58%	6%	5%	10%	18%	-11%	75%	33%	57%	27%	46%	23%	41
24	11 1	Digital Media Players	19%	56%	-55%	56%	34%	58%	69%	35%	30%	21%	38%	66%	86%	89%	-37%	17%	181%	1010%	28%	40%	31%	39
12	12 📫	Consoles Fixed	84%		97%	365%	80%	-16%	66555%		5016%	705%	96%	-45%	-100%	234%	950%	37%	-63%	-18%	-18%	111%	4%	37
20	13 1	Notebook Workstations	4%	41%	22%	30%	89%	54%	37%	69%	49%	3%	79%	23%	8%	53%	130%	44%	-17%	41%	-45%	34%	57%	36
17	14 1	Powerline Devices	56%	106%	40%	3%	5%	8%	3%	43%	45%	95%	62%	100%	-15%	36%	38%	30%	105%	22%	-1%	36%	41%	36
6	15 🤳	Telephony Accessories	146%	113%	-41%	-56%	5%	59%	1127%	-90%	-50%	193%	1285%	139%	-65%	38%	-75%	-57%	-72%	0%	228%	111%	-75%	35
1	16 🤳	3D Printers	-48%	-28%	135%	0%	166%	70%	-100%	0%	0%	-44%	-93%		-100%	-97%	-61%	-97%	95%		-80%	35%	-84%	33
19		Mobile Computing Cases	68%	31%	60%	19%	32%	23%	-22%	18%	35%	58%	43%	-9%	-18%	14%	18%	13%	48%	-12%	101%	32%	26%	31
27		Smart Watches	38%	82%	0%	-28%	100%	-4%	-27%	27%	30%	78%	17%	-38%	-55%	6%	-27%	-22%	23%	-22%	-62%	35%	-6%	31
	19 🚽	Wireless LAN Controllers	1%	-12%	-20%	-55%	26%	50%	-40%	0%	-45%	122%	-86%	-56%	344%	98%	-13%	2427%	376%	-6%	189%	-5%	281%	31
-		* Televisions	3%	48%	12%	-33%	188%	-6%	-82%	-36%	-18%	21%	65%	130%	-78%	24%	583%	4%	23%	12%	-68%	21%	42%	26
	21	Wireless Adapters	11%	40%	11%	13%	30%	-8%	116%	3%	36%	7%	-19%	-10%	-8%	-21%	59%	73%	81%	100%	-21%	16%	66%	26
	22 4	Monitors	30%	60%	5%	1%	35%	47%	1%	16%	49%	-10%	29%	-8%	18%	23%	6%	23%	47%	8%	8%	29%	15%	26
	23 4	Keyboards and Keypads	21%	15%	3%	26%	34%	66%	2%	20%	43%	90%	-7%	2%	23%	28%	66%	10%	33%	-4%	-6%	23%	33%	24
	24 1		-24%	-9%	468%	3%	-64%	-73%	-61%	150%	-93%	16%	-95%	730%	-55%	-40%	559%	-19%	-90%	14%	0%	12%	140%	24
	25 1		4%	-9%	54%	18%	19%	14%	-28%	0%	69%	118%	-22%	1%	31%	24%	94%	51%	40%	24%	8%	12%	63%	21
		hice his cartridges and Tanks	4%	-3%	18%	33%	54%	14%	17%	-6%	-3%	41%	4%	-11%	-44%	41%	-33%	19%	101%	-56%	-21%	12%	3%	18
	20 0		19%	-2 %	8%	62%	-30%	139%	-7%	121%	-3 %	-71%	64%	-36%	15%	142%	102%	-45%	389%	35%	-21%	13%	66%	18
	28 4	Tape Drives	179%	-45%	-60%	-24%	-327%	-4%	-61%	56%	-32%	-67%	424%	-30%	-89%	-58%	3%	-55%	-59%	-100%	-54%	24%	-34%	17
	20 1	Labelling Tapes	15%	-45%	18%	42%	-22%	-4 %	258%	9%	-32 %	-41%	424 <i>%</i> 173%	403%	-09 % 527%	-56 %	-58%	-55%	32%	129%	-12%	19%	-34 %	16
-		Vireless Access Points	34%	24%	5%	-5%	-13%	10%	-39%	43%	6%	2%	7%	-30%	96%	72%	-38%	-17%	29%	-13%	12%	17%	-7%	15
	30 4	Games Software	-60%	24 /0	-58%	-3%	311%	64%	-39%	43 %	-24%	-49%	-14%	248%	14%	4%	-30%	56%	29%	760%	198%	-25%	57%	14
	32 1		-3%	10%	-36 %	-21%	26%	21%	-39%	7%	-24%	-49%	-36%	15%	76%	-35%	124%	-31%	29%	-56%	-39%	-23%	84%	11
		v All-In-One Inkjets	-3% 19%	9%	-15%	-11%	17%	-7%	-25%	-4%	-10%	-21%	-30%	-27%	-22%	-35%	-41%	-31%	29% 49%	-50%	-39%	-2%	18%	10
		Wired Network Adapters	-1%	9% 17%	4%	23%	-9%	-7%	-25%	-4% 5%	-20%	3% 7%	-41%	-27%	-22%	-3%	-41%	59%	49% 33%	54% 101%	-18%	3%	44%	7
	35 1		57%	-37%		311%	-79%	-36 %	-16%	48%	107%	-41%	28%	39%	8%	-6%	-13%	-4%	12%	-74%	-48%	5 % 6%	-14%	5
		Disk Drives	22%		-53%	-14%		-3%		46% 9%	-12%	-41%	-12%			-0% 14%	-13%	-4%	-25%	-14%	-46% 58%	1%	-14%	5
	36 1	Disk Drives	-22%	-28%	55% 67%	-14%	-20% 11%	-14% 13%	-66% -91%	-59%	-12% 8%	-16%	-12%	-27% -31%	-38% 257%	14% -8%	-7%	44% 49%	-25% 64%	-12%	-2%	-5%	18% 51%	3
		PC Speakers	-22% 66%	4%	67% 18%	-25%	-56%	13% 78%	-91% 177%	-59% 25%	20%	-16%	-83% 199%	-31% 31%	-35%	-8% 12%	-24%	49% -1%	64% 38%	17%	-2%	-5%	51%	35
	39 🤳	Security Software     Transceivers	-15%	9%	33%	6%	18%	28%	6%	11%	-28%	72%	0% -28%	51%	-19%	11% 0%	-21%	4%	36%	100%	-147%	4%	-11% 23%	39
	-to 🗸		7%	5%	14%	-14%	1%	-50%	1%	-5%	-7%	-61%		-54%	-40%		26%	16%	-37%	0%	56%	-3%		25
		Docking Stations	22%	-23%	8%	22%	1%	-14%	-30%	17%	-6%	91%	-6%	-47%	40%	-4%	10%	46%	-21%	-26%	4%	0%	10%	19
		Tape Libraries	11%	-45%	-24%	138%	-84%	120%	-82%	313%	-34%	417%	254%	1%	-79%	-77%	13%	-36%	-52%	75%	165%	-1%	7%	09
	43 🎝	Virtualisation Software	-24%	11%	-23%	-4%	33%	-30%	4%	-9%	-45%	14%	-32%	74%	10%	-25%	146%	12%	-22%	-23%	73%	-10%	89%	09
		Mobile Computing Accessories and Parts	-5%	18%	3%	-11%	-13%	-9%	-31%	0%	-6%	43%	-53%	12%	50%	20%	-27%	-23%	37%	91%	-48%	0%	-5%	-1
		Data Management Software	3%	-10%	-44%	31%	-42%	11%	-29%	47%	6%	57%	391%	-39%	-73%	-31%	193%	-66%	7%	-39%	57%	-6%	25%	-3
	46 1	NAS Devices	14%	-8%	-17%	-7%	-42%	-6%	-16%	23%	29%	-9%	8%	13%	-21%	-3%	-22%	0%	-20%	64%	-39%	-2%	-16%	-4
	47 1	Network Routers	1%	-3%	33%	9%	-62%	12%	-18%	-30%	-22%	15%	24%	64%	-63%	24%	-2%	13%	-2%	64%	-63%	-5%	-1%	-4
	48 1	· · · ·	-42%	8%	3%	-6%	-9%	-5%	2%	-22%	-23%	-2%	12%	32%	-2%	1%	145%	15%	-30%	-12%	-23%	-12%	43%	-5
	49 🤳	r SAN Accessories	2%	-60%	-62%	-61%	232%	-99%	454%	-94%	912%	-59%	-31%	19%	-100%	1015%	13%	51%	1105%	-27%	-99%	-8%	19%	-6
42	50 🤳	<ul> <li>Smart Bands and Activity Trackers</li> </ul>	224%	5%	-17%	90%	-27%	59%	242%	1016%	-99%	7%	-33%	1411%	-9%	-52%	-2%	295%	74%	-62%	-75%	-8%	22%	-6

Traffic Lights: Above 15% Inbetween Below -20%

> Total 108% 92% 76% 62% 58% 49% 46% 43% 42% 41% 39% 37% 36% 36% 35% 33% 31% 31% 31% 26% 26% 26% 24% 24% 21% 18% 18% 17% 16% 15% 14% 11% 10% 7% 5% 5% 3% 3% 3% 2% 1% 0% 0% -1% -3% -4%

-4% -5% -6%

-6%

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Top Decline Category

#### Top Decline Categories and Countries in Western and Eastern Europe

% Change in sales through IT Distribution in Euros

4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by fastest declining categories and country size

									WESTERN	EUROPE								EAS	TERN EUF	ROPE			CATE	GORY TR	END
Rank- W23	Rank- W24	Category	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia		WE	EE	Total
1	1 📫	Standalone GPS Devices	-100%	-95%	-96%	-34%	-90%	-17%	-41%	-99%	-100%	-80%	-73%	-100%	-35%	-100%	321%	-67%	-38%	-87%	-49%		-90%	-56%	-88%
2	2 📫	Presentation Devices	-83%	-70%	-92%	-95%	-81%	-57%	-15%	-55%	70%	-72%	-82%	-81%	-96%	-95%	-85%	-87%	-79%	-26%	-80%		-78%	-83%	-78%
3	3 📫	Privacy Screens	-73%	-79%	-67%	-64%	-91%	-89%	-59%	-90%	-72%	-100%	-68%	-78%	-92%	-61%		-74%		-2%	-74%		-76%	-64%	-76%
5	4 1	Dye Sublimation Printers	-83%	-90%	-85%	-25%	-64%	-68%	-76%	-113%	6%	-81%	151%	-75%	16%	-78%	-45%	-77%	132%	-79%	-90%		-72%	-54%	-71%
8	5 1	MP3/MP4 Players	-68%	-49%	-67%	-77%	-96%	-11%	-84%	-76%	-75%	-62%	16%	-69%	70%	-69%	-92%	-57%	-55%	4%	-92%		-61%	-63%	-61%
6	6 🚽	Smart Speakers	-42%	-29%	-77%	-33%	-81%	-29%	-41%	-94%	-67%	-62%	-91%	-100%				38%	-31%	-100%	-73%		-58%	10%	-57%
4	7 🎝	Servers (Unix)	-56%	19%	-87%	-69%	-67%	-92%	-90%	-17%	-97%	31%	-63%	-100%	0%	-79%	-99%	1130%		-100%	0%		-60%	20%	-57%
12	8 1	Label/Barcode/Receipt Printers	-36%	-12%	-87%	-7%	-42%	-18%	-18%	-77%	9%	-19%	-37%	-25%	-8%	1%	28%	2%	-27%	1118%	-90%		-60%	0%	-53%
14	9 1	Partner Rebates, Warehousing and Logistics	10%	-20%	-75%	-92%	-95%	-59%	-84%	-14%	-65%	-58%	-34%	-5%	52%	-30%	-35%	-72%	544%	-16%	-100%		-50%	-36%	-49%
NA	10 1	Points of Sales	-57%	216%	-87%	-42%	-40%	-95%	-74%	150%	-82%	-60%	-60%	-100%	-80%	-97%	205%	-95%	-55%	-94%	-72%		-56%	77%	-46%
30	11 1	Smart Home Automation	-14%	96%	-104%	-21%	-85%	-96%	-61%	1174%	64%		-79%			-69%		14%					-46%	314%	-45%
16	12 1	Smartphone Protective Cases	44%	-85%	-55%	-64%	-21%	26%	-11%	-14%	-34%	-45%	62%	49%	-29%	-26%	-4%	-59%	46%	-81%			-48%	-21%	-45%
19	13 1	Portable Speakers	-75%	-42%	-34%	-68%	-29%	8%	-76%	-41%	-86%	-81%	20%	-36%	643%	-82%	-90%	-45%	-61%	-82%	-74%		-42%	-73%	-45%
10	14 🤳	SAN Switches and Directors	-61%	-71%	17%	-73%	-18%	-36%	-88%	-11%	84%	-58%	-77%	-29%	-100%	-75%	-34%	-44%	-82%	131%	166%		-46%	-31%	-43%
18	15 1	Desktop Thin Clients	-61%	-69%	-35%	-36%	-68%	-16%	-24%	109%	-67%	-98%	-72%	167%	-45%	-37%	0%	28%	-22%	-92%	-59%		-47%	-3%	-42%
17	16 1	Portable Power Banks	-78%	-87%	-85%	-38%	-45%	-1%	-47%	-50%	67%	-64%	-59%	7%	-78%	-29%	73%	2%	-23%	2%	-42%		-57%	10%	-42%
9	17 🤳	Digital Cameras	-59%	13%	-64%	-85%	-51%	-47%	48%	-42%	-63%	-49%	-61%	-52%	-87%	-74%	-76%	-17%	-39%	-27%	-19%		-54%	-29%	-42%
15	18 🤳	USB Memory	-27%	-68%	-35%	-30%	-60%	45%	-44%	-31%	-12%	-71%	-13%	-39%	-22%	-51%	-45%	-7%	-29%	-46%	-49%		-45%	-26%	-42%
11	19 🤳	Smartphone Screen Protectors	65%	-78%	-57%	-21%	-86%	96%		15%	-18%	-42%		36%	75%	33%	-71%	-91%	2857%	-2%	11%		-39%	-65%	-40%
7	20 🎝	-	-48%	-53%	-72%	-56%	180%	46%	-30%	-45%	-61%	14%	128%	-46%	-77%	-2%	45%	51%	71%	319%	26%		-50%	59%	-39%
21	21 🚽	-	-24%	-51%	-43%	-63%	-62%	-42%	-6%	29%	44%	-77%	-42%	-27%	-20%	-8%	-44%	-22%	-21%	850%	-52%		-38%	-32%	-37%
		Copier-based MFPs	-4%	-63%	-27%	-63%	-70%	-5%	-16%	-61%	146%	-95%	-94%	-14%	9%	13%	-37%	-96%	-11%	1236%	-39%		-37%	-36%	-37%
20	-	Projectors	-39%	-47%	-55%	-44%	-60%	-30%	12%	-28%	-59%	-6%	-48%	-6%	-35%	33%	-20%	-26%	-20%	-5%	-43%		-39%	-23%	-37%
25		Server Enclosure	131%	58%	-69%	-59%	-74%	-57%	-52%	47%	263%	-75%	-94%	-100%	890%	1069%	-76%	-21%	-21%	-92%	1630%		9%	-69%	-36%
22	25 4		97%	-72%	-67%	-30%	-26%	26%	-34%	-52%	-71%	-39%	6%	-40%	-43%	-57%	-38%	-7%	162%	33%	-30%		-39%	11%	-36%
24	26 4		-24%	-42%	-31%	-33%	-45%	-17%	-13%	-28%	-39%	-24%	-9%	35%	-6%	-64%	-16%	0%	6%	169%	-48%		-37%	22%	-35%
	27		3%	19%	-3%	-68%	-41%	51%	-17%	-68%	-59%	-97%	2219%	-11%	1319%	-50%	-68%	134%	-79%	-100%	-100%		-18%	-66%	-33%
23	28 4		12%	29%	-28%	-5%	-26%	-16%	-93%	-29%	-85%	-57%	-18%	-73%	-90%	-28%	37%	-40%	-22%	-68%	-35%		-32%	-30%	-32%
32	29 1		-21%	-27%	-87%	106%	-30%	52%	32%	-93%	12%	42%	25%	-1%	27%	-57%	269%	137%	584%	18%	-68%		-41%	181%	-31%
28		Network Accessories	-20%	-39%	-15%	-32%	26%	4%	-27%	98%	-21%	-17%	24%	-56%	-57%	-33%	-42%	-63%	-16%	-48%	-16%		-24%	-43%	-30%
	•	Long Life Consumables	-20%	-52%	-33%	-20%	-31%	-28%	-10%	-24%	-1%	-41%	-10%	16%	11%	-20%	-32%	-32%	6%	-55%	-36%		-29%	-29%	-29%
35		Server Accessories	-39%	-62%	-29%	-37%	-27%	19%	-13%	-48%	52%	146%	-8%	-33%	102%	24%	-20%	87%	81%	-82%	-32%		-36%	2%	-29%
29	33 4		-6%	-40%	-44%	-43%	-27%	-18%	-40%	37%	-18%	-86%	-12%	34%	42%	-5%	30%	-40%	-4%	-41%	-32 %		-30%	2%	-27%
31	34 4	Desktops	-37%	-47%	-32%	-19%	-21%	-4%	-40 %	-21%	-31%	-33%	-28%	-4%	-51%	-21%	-12%	-7%	4%	-27%	-8%		-31%	-10%	-27%
NA		Developer Tools Software	-49%	-45%	4%	-56%	-21%	43%	146%	-47%	-51%	-45%	41%	-8%	178%	97%	4%	87%	-27%	-75%	-6%		-25%	-27%	-25%
40	-	All-in-One Lasers	-45%	-45%	-12%	-30 %	-9%	-29%	-3%	-47%	23%	-64%	-34%	-6 %	-40%	-16%	-43%	-16%	-21 %	-29%	-26%		-16%	-36%	-23%
40 33	37		-25%	-30%	-12 %	-21%	-7%	-23%	-3%	-20%	42%	-04 %	-34%	-13%	-40%	-2%	-43 %	10%	28%	-25%	-20%		-25%	-30%	-23%
33		Memory Cards	-25%	-39%	-22%	-41%	-7%	225%	-28%	-1%	-50%	-76%	-32%	-4%	-30%	-2%	-21%	-27%	-38%	-19%	-3%	-	-25%	-16%	-23%
39	39 4	VOIP Systems	10%	-57%	-35%	-57%	-11%	5%	-22 %	-29%	-38%	369%	-20%	-20%	-26%	-52%	-40 %	246%	-38 %	-48%	-66%		-23%	-34%	-22%
38	40 4		-8%	-40%	-17%	-51 /8	-33%	-24%	4%	-23%	-32%	-23%	-20%	-7%	7%	14%	-41%	-30%	46%	-70%	-13%	. –	-16%	-29%	-19%
NA	40 🗸	Office Supplies and Furniture	-8%	-40%	-17%	-58%	-33%	-24%	-27%	535%	-32%	-23%	-30%	-1%	-42%	-74%	-41%	-30%	40% 33%	-70%	-13%		-16%	-29%	-19%
NA 37	41 1		-20%	13%	-45% -22%	-58%	-87%	-19%	-21%	535% 41%	-50% -42%	-15%	-30%	-64% 53%	-42% 54%	-74%	-52%	-2%	-1%	-16%	-25%		-17%	-28% -56%	-18%
37		Desktop Workstations (PC/Mac)	46%	-45%	-22%	-13%	-1%	88%	-1%	41%	-42% -6%	-90% -4%	-49%	53% 3%	-35%	-55%	-57% 95%	-82%	-1% -7%	-16%	-15%		4% -27%	-56%	-17%
47		Uninterruptable Power Supplies (UPS)	-15%	-45% -18%			-33%			-7% -15%			-33%		-35% -6%	-55%			-7%	-26%			-27%	-15%	-17%
49 NA	-	Uninterruptable Power Supplies (UPS)	-11%	-18% -26%	-30% -8%	-28% -33%		-22% -64%	1% 14%	-15% 159%	0% -22%	-2% -23%	-2% -8%	-10% 17%	-6% 18%	-7% -12%	-11% 245%	-33% 54%	-24% 146%	-33% -56%	-10%		-18%	-15% 159%	-16% -16%
NA NA		Connectivity Switches (Data and KVM)	-42% -9%	-26% -23%	-8% 68%	-33% -25%	-46% -19%	-64% -12%	-53%	159% -63%	-22% -44%			17% 16%	18% -63%	-12% 19%	245% 10%	-80%	146% -38%	-56% 99%	-53% -50%		-33%	159% -5%	-16% -15%
	-											113%	11%												
41		Large Format/Plotter Printers	-24%	-19%	-13%	-5%	-8%	8%	-45%	26%	-48%	-60%	80%	-18%	-60%	0%	-1%	-10%	-59%	-31%	18%	-	-14%	-18%	-15%
36		Hard Disk Drives (HDDs)	-12%	-24%	-29%	-13%	-31%	41%	-11%	-3%	-18%	78%	-12%	11%	-21%	-24%	-25%	8%	1%	67%	-16%		-14%	-15%	-14%
48	49 🤳		-3%	-36%	-1%	-20%	-28%	-25%	-7%	-4%	-45%	-41%	0%	-5%	-20%	-10%	5%	-7%	80%	1%	-7%		-18%	7%	-14%
NA	50 1	Servers (PC/Mac)	-15%	-11%	-15%	-39%	-2%	-32%	-75%	-17%	-36%	60%	14%	-31%	35%	-14%	-14%	86%	-40%	10%	105%		-22%	6%	-14%

#### Traffic Lights: Above 15% Inbetween Below -20%

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#### Largest Category Back to Contents

#### Largest Categories and Countries in Western and Eastern Europe

% Change in sales through IT Distribution in Euros

4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by largest industry sector and largest country.

									WESTERN	EUROPE								EAS	TERN EUR	ROPE			CATE	GORY TRE	END
Rank				UK &																					
W23		Category	Germany	Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia		WE	EE	Total
1	1 4	Notebooks	54%	51%	81%	45%	55%	41%	-13%	34%	11%	58%	6%	5%	10%	18%	-11%	75%	33%	57%	27%		46%	23%	41%
2	2 5	Smartphones	67%	40%	57%	93%	76%	100%	41%	24%	-18%	23%	22%	12%	20%	28%	-49%	5%	52%	31%	129%		52%	6%	46%
3	3 5	Warranties and Services	-11%	4%	48%	-10%	-8%	-21%	-32%	-8%	-40%	23%	-38%	-14%	5%	-16%	-30%	2%	-19%	-45%	-41%		-6%	-24%	-7%
4	4 5	Tablet PCs	54%	86%	105%	-6%	88%	26%	-14%	38%	16%	81%	96%	7%	13%	12%	4%	27%	147%	46%	79%		50%	40%	49%
5	5 4	Desktops	-37%	-47%	-32%	-19%	-21%	-4%	-29%	-21%	-31%	-33%	-28%	-4%	-51%	-21%	-12%	-7%	4%	-27%	-8%		-31%	-10%	-27%
7	6 1	Ink Cartridges and Tanks	18%	-2%	18%	33%	54%	10%	17%	-6%	-3%	41%	4%	-11%	-44%	41%	-33%	19%	101%	-56%	-21%		19%	3%	18%
6	7	Monitors	30%	60%	5%	1%	35%	47%	1%	16%	49%	-10%	29%	-8%	18%	23%	6%	23%	47%	8%	8%		29%	15%	26%
8	8 🗧	Toner	-8%	-40%	-17%	5%	-33%	-24%	4%	3%	-32%	-23%	9%	-7%	7%	14%	-41%	-30%	46%	-70%	-13%		-16%	-29%	-19%
9	9 🖬	Office Applications Software	-42%	8%	3%	-6%	-9%	-5%	2%	-22%	-23%	-2%	12%	32%	-2%	1%	145%	15%	-30%	-12%	-23%		-12%	43%	-5%
10	10 5	Processors	79%	18%	1%	39%	58%	194%	8%	36%	48%	-39%	16%	111%	108%	69%	1%	73%	100%	91%	21%		46%	33%	43%
12	11 1	Solid State Drives (SSDs)	-16%	-20%	12%	-4%	29%	-27%	35%	10%	-22%	52%	-40%	-29%	-9%	1%	20%	-14%	-31%	-14%	-68%		-7%	-7%	-7%
11	12 🗸	Network Switches	-3%	-36%	-1%	-20%	-28%	-25%	-7%	-4%	-45%	-41%	0%	-5%	-20%	-10%	5%	-7%	80%	1%	-7%		-18%	7%	-14%
13	13 5	Hard Disk Drives (HDDs)	-12%	-24%	-29%	-13%	-31%	41%	-11%	-3%	-18%	78%	-12%	11%	-21%	-24%	-25%	8%	1%	67%	-16%		-14%	-15%	-14%
15	14 1		-15%	9%	33%	6%	18%	28%	6%	11%	-28%	72%	0%	51%	-19%	11%	-21%	4%	36%	100%	-147%		4%	-11%	3%
14	15 🚽	Headsets/Headphones and Microphones	86%	23%	111%	20%	112%	348%	13%	92%	-12%	109%	83%	170%	22%	148%	18%	121%	54%	55%	-58%		79%	41%	76%
16	16 🗧	Operating Systems Software	-25%	-28%	-20%	31%	-24%	-39%	51%	6%	-35%	-27%	-18%	12%	-23%	62%	-10%	-10%	-23%	-23%	-61%		-10%	-15%	-10%
17	17 5	Servers (PC/Mac)	-15%	-11%	-15%	-39%	-2%	-32%	-75%	-17%	-36%	60%	14%	-31%	35%	-14%	-14%	86%	-40%	10%	105%		-22%	6%	-14%
19	18 1		3%	-10%	-44%	31%	-42%	11%	-29%	47%	6%	57%	391%	-39%	-73%	-31%	193%	-66%	7%	-39%	57%		-6%	25%	-3%
18	19 🚽	RAM Memory	5%	-38%	-19%	-31%	-6%	-23%	-23%	-19%	-12%	4%	-37%	-16%	-7%	-15%	23%	11%	-8%	-39%	-29%		-19%	15%	-13%
21	20 1		57%	-37%	-53%	311%	-79%	-3%	-16%	48%	107%	-41%	28%	39%	8%	-6%	-13%	-4%	12%	-74%	-48%		6%	-14%	5%
20	21 🗸	Disk Arrays	3%	-7%	1%	27%	5%	-12%	73%	-8%	24%	122%	-67%	-76%	-79%	-55%	-45%	79%	-82%	141%	-47%		-2%	-31%	-10%
22	22 5	All-in-One Lasers	0%	-36%	-12%	-27%	1%	-29%	-3%	-20%	23%	-64%	-34%	-15%	-40%	-16%	-43%	-16%	6%	-29%	-26%		-16%	-36%	-23%
24	23 1		3%	48%	12%	-33%	188%	-6%	-82%	-36%	-18%	21%	65%	130%	-78%	24%	583%	4%	23%	12%	-68%		21%	42%	26%
23	24 🚽	Graphics and Design Software	-13%	-40%	32%	16%	-15%	-37%	-25%	0%	-15%	22%	-40%	-29%	-22%	6%	-21%	25%	65%	71%	29%		-12%	25%	-10%
25	25 🖣	Network Routers	1%	-3%	33%	9%	-62%	12%	-18%	-30%	-22%	15%	24%	64%	-63%	24%	-2%	13%	-2%	64%	-63%		-5%	-1%	-4%
27	26 1		-6%	-40%	-44%	-43%	-37%	-18%	-40%	37%	-18%	-86%	-12%	34%	42%	-5%	30%	-40%	-4%	-41%	-17%		-30%	2%	-27%
26	27 🗸	Wireless Access Points	34%	24%	5%	-5%	-13%	10%	-39%	43%	6%	2%	7%	-30%	96%	72%	-11%	-17%	29%	-13%	12%		17%	-7%	15%
28	28 5	Network Management Software	-32%	-1%	-33%	-20%	18%	-13%	-3%	-40%	-26%	313%	23%	10%	3%	-9%	62%	19%	-71%	-24%	-60%		-12%	23%	-10%
29	29 5	Graphics Cards	68%	151%	98%	-20%	67%	61%	20%	27%	44%	18%	31%	25%	-74%	128%	-20%	45%	103%	54%	-6%		74%	19%	58%
30	30 🗖	All-In-One Inkjets	19%	9%	4%	4%	17%	-7%	-25%	-4%	59%	3%	-41%	-27%	-22%	-3%	-41%	67%	49%	54%	18%	-	9%	18%	10%
31	31 🗖	Network Management and Security Appliances	-11%	10%	-17%	-22%	43%	-18%	32%	-36%	-63%	21%	12%	-21%	-51%	24%	-60%	-28%	522%	135%	35%		-4%	-37%	-8%
33	_	Smart Watches	38%	82%	0%	-28%	100%	-4%	-27%	27%	30%	78%	17%	-38%	-55%	6%	-27%	-22%	23%	-22%	-62%		35%	-6%	31%
32	33	Virtualisation Software	-24%	11%	-23%	-4%	33%	-30%	4%	-9%	-45%	14%	-32%	74%	10%	-25%	146%	12%	-22%	-23%	73%		-10%	89%	0%
34	34 🗖	Docking Stations	22%	-23%	8%	22%	1%	-14%	-30%	17%	-6%	91%	-6%	-47%	40%	-4%	10%	46%	-21%	-26%	4%		0%	10%	1%
35	35 드	Desktop Workstations (PC/Mac)	-15%	-45%	-30%	-29%	-33%	7%	-13%	-7%	-6%	-4%	-33%	3%	-35%	-55%	95%	-6%	-7%	-26%	-27%		-27%	50%	-17%
36	36 5	Uninterruptable Power Supplies (UPS)	-11%	-18%	-30%	-28%	-29%	-22%	1%	-15%	0%	-2%	-2%	-10%	-6%	-7%	-11%	-33%	-24%	-33%	-10%		-18%	-15%	-16%
40	37 1		4%	41%	22%	30%	89%	54%	37%	69%	49%	3%	79%	23%	8%	53%	130%	44%	-17%	41%	-45%		34%	57%	36%
39	-	Cables and Connectivity Adapters	17%	-38%	-34%	-7%	-7%	-4%	-24%	-11%	5%	-24%	30%	-7%	-4%	-12%	-32%	10%	4%	-8%	-7%		-13%	-16%	-14%
37	39 🚽		7%	5%	14%	-14%	1%	-50%	1%	-5%	-7%	-61%	-28%	-54%	-40%	0%	26%	16%	-37%	0%	56%	-	-3%	23%	2%
41	40 1		-24%	-9%	468%	3%	-64%	-73%	-61%	150%	-93%	16%	-95%	730%	-55%	-40%	559%	-19%	-90%	14%	0%		12%	140%	24%
42 38	41 1		21% -49%	15% -45%	3% 4%	26%	34% -9%	66% 43%	2% 146%	20%	42% -51%	90% -45%	-7% 41%	2% -8%	23% 178%	28% 97%	66% 4%	10% 87%	33% -27%	-4% -75%	-6% -6%	} <mark>⊢</mark>	23% -25%	33% -27%	24% -25%
																						-			
43	43 44		-25%	-39%	-22%	-41%	-7%	-23%	-28%	-1%	42%	16%	-32%	-4%	-30%	-2%	-27%	10%	28%	2%	-3%		-25%	-18%	-23%
45		Mobile Computing Cases	68%	31%	60%	19%	32%	23%	-22%	18%	35%	58%	43%	-9%	-18%	14%	18%	13%	48%	-12%	101%		32%	26%	31%
44 46	45 46		-20% 4%	-52%	-33% 54%	-20%	-31% 19%	-28%	-10% -28%	-24% 0%	-1% 69%	-41% 118%	-10%	16%	11%	-20% 24%	-32% 94%	-32%	6%	-55% 24%	-36%		-29% 12%	-29%	-29% 21%
46 47	46 47	Projectors	-39%	-9% -47%	-55%	18% -44%	-60%	14% -30%	-28% 12%	-28%	-59%	-6%	-22% -48%	1% -6%	31% -35%	24% 33%	94% -20%	51% -26%	40% -20%	-5%	8% -43%		-39%	63% -23%	-37%
47 49				-47% -8%		-44% -7%		-30% -6%															-39%	-23% -16%	
			14%		-17%		-42%		-16%	23%	29%	-9%	8%	13%	-21%	-3%	-22%	0%	-20%	64%	-39%				-4%
48	49		-16%	17%	-48% -55%	-34%	-52%	-20%	-45% 69%	-63%	-56%	0%	-17%	-23% 66%	-8%	-23%	64%	7%	122%	-61%	-67%		-21% 40%	52%	-10%
50	<b>DU</b>	Digital Media Players	19%	56%	-55%	56%	34%	58%	69%	35%	30%	21%	38%	66%	86%	89%	-37%	17%	181%	1010%	28%	I 📙	40%	31%	39%

Traffic Lights: Above 15% Inbetween Below -20%

Channel

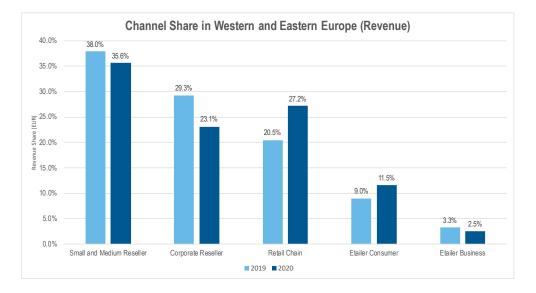
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#### Channel Performance in Western and Eastern Europe

% Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019 Sorted by largest country

Traffic Ligh	nts:
Above	15%
Inbetween	
Below	-20%

							WES	TERN EUR	OPE						-		EAS	STERN EUR	ROPE		CH/	ANNE
Business Sectors	Channel	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	E
Business Channels	Corporate Reseller	-21%	5%	-10%	-6%	-27%	-40%	-30%	9%	-39%	13%	-23%	-22%	-11%	-10%	-7%	-6%	-21%	-46%	-7%	-12%	-10
	Small and Medium Reseller	10%	-17%	24%	7%	21%	18%	6%	0%	-9%	3%	8%	12%	1%	9%	-11%	5%	5%	5%	-19%	7%	-4
	Etailer Business	-4%	-13%	-10%	-18%	-5%	-20%	-24%	-8%	-43%	-6%	-2%	-31%	-12%	-27%	-50%	-7%	-3%	-41%	-31%	-13%	-29
Retail Channels	Etailer Consumer	28%	79%	4%	14%	80%	40%	145%	72%	63%	37%	139%	10%	49%	35%	15%	31%	20%	61%	-40%	47%	23
	Retail Chain	75%	36%	58%	62%	43%	60%	34%	33%	12%	47%	15%	48%	3%	31%	3%	51%	99%	106%	7%	51%	35



СНА	ANNEL TRI	END
WE	EE	Total
-12%	-10%	-12%
7%	-4%	5%
-13%	-29%	-14%
47%	23%	43%
51%	35%	48%

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#### Largest Industries in Business Channel

% Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019 Sorted by largest industries and country size in Business Channel

								١	WESTERN I	EUROPE								EAS	TERN EUR	ROPE		INDUST	RY SECTO	R TREND
Rank- W23	Rank- W24	Industry Sector	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
1	1 📫	Mobile Computing	41%	48%	102%	16%	45%	25%	-17%	34%	-22%	36%	-5%	-14%	3%	3%	-19%	63%	-3%	6%	0%	35%	9%	32%
2	2 📫	Telecommunications	7%	-12%	21%	55%	41%	75%	-14%	19%	-14%	39%	57%	2%	47%	104%	-38%	-35%	5%	82%	56%	21%	-22%	14%
3	3 📫	Software and Licences	-18%	-13%	-6%	32%	-25%	-18%	5%	-9%	-18%	15%	12%	12%	-15%	-2%	86%	-13%	-20%	-42%	-28%	-8%	19%	-5%
4	4 📫	Printing Consumables	-2%	-34%	-18%	11%	11%	-23%	2%	0%	-19%	-18%	4%	-6%	-17%	18%	-38%	-24%	56%	-71%	-17%	-8%	-24%	-11%
5	5 🔿	Displays	-11%	-27%	-27%	-28%	-4%	-5%	-20%	2%	-26%	-51%	-3%	-7%	29%	-6%	5%	-29%	-20%	-24%	-11%	-19%	-11%	-17%
6	6 🔿	Computing Components	20%	-20%	-9%	-10%	3%	-2%	-34%	-6%	-21%	-26%	-30%	-20%	25%	7%	-4%	31%	31%	11%	-28%	-4%	5%	-2%
7	7 🔿	Disk Storage	-18%	-23%	-11%	-9%	-1%	0%	23%	-1%	-22%	43%	-52%	-54%	-56%	-30%	-32%	4%	-29%	-6%	-58%	-16%	-26%	-18%
8	8 🔿	Warranties and Services	-13%	2%	49%	-11%	-13%	-22%	-35%	-13%	-35%	17%	-40%	-20%	6%	-19%	-31%	-1%	-20%	-48%	-40%	-7%	-25%	-9%
9	9 🔿	Desktop Computing	-47%	-56%	-34%	-27%	-28%	-19%	-38%	-19%	-37%	-22%	-42%	-22%	-54%	-40%	-2%	-14%	-25%	-48%	-22%	-39%	-9%	-34%
10	10 📫	Audio-Video Systems	52%	-20%	79%	5%	35%	388%	-14%	31%	19%	57%	65%	74%	15%	98%	-43%	1%	-7%	17%	-60%	41%	-27%	34%
11	11 📫	Networking Systems	-13%	-34%	3%	-23%	-51%	-34%	-10%	-14%	-47%	-36%	-10%	-9%	-20%	-8%	-16%	-25%	51%	-10%	-37%	-23%	-14%	-22%
13	12 👚	Computing Accessories	10%	3%	10%	22%	9%	4%	-21%	4%	-1%	48%	-5%	-24%	19%	-13%	-15%	19%	9%	3%	8%	5%	1%	5%
12	13 🦊	Printing	-27%	-43%	-44%	-44%	-16%	-35%	-23%	-35%	2%	-55%	-52%	-41%	-18%	-17%	-46%	-36%	-27%	-52%	-57%	-35%	-43%	-37%
14	14 📫	Server Computing	-30%	-15%	35%	-38%	-22%	-48%	-70%	19%	-57%	19%	-43%	76%	-16%	-22%	-8%	86%	-59%	-19%	129%	-24%	4%	-18%
15	15 📫	Data Center Networking and Security	-26%	-6%	-18%	-44%	17%	-35%	-21%	-51%	-44%	-17%	-17%	-24%	-56%	1%	-35%	-30%	186%	14%	7%	-20%	-27%	-21%
16	16 📫	Wireless Networking	2%	6%	-12%	-22%	-39%	-1%	-37%	30%	-17%	-24%	-34%	-34%	35%	19%	-17%	12%	16%	-27%	7%	-6%	-5%	-6%
17	17 📫	Wearable Devices	122%	-46%	-18%	-20%	-16%	-7%	-35%	1%	37%	27%	68%	-60%	-79%	-34%	20%	-44%	1%	-55%	-44%	-1%	-19%	-3%
18	18 📫	Power Equipment	-9%	-13%	-20%	-29%	-25%	-23%	-5%	-5%	-28%	-18%	-17%	2%	-25%	3%	-12%	-28%	6%	-27%	-25%	-15%	-14%	-15%
19	19 📫	Other Networking Equipment	1%	0%	10%	-12%	18%	-44%	-6%	1%	-14%	-44%	-9%	-61%	-55%	9%	4%	-3%	11%	-3%	7%	-4%	3%	-3%
20	20 🔿	Connectivity	13%	-35%	-5%	-12%	-9%	-26%	-31%	-13%	4%	-22%	30%	-4%	-16%	-6%	-38%	5%	4%	-8%	-11%	-13%	-23%	-14%
22	21 👚	Removable Storage	-17%	-53%	-14%	-19%	-44%	207%	-51%	-20%	-36%	-72%	-44%	-47%	-69%	-24%	-48%	-26%	-27%	-31%	-27%	-28%	-32%	-29%
21	22 🦊	Games Consoles	40%		2%	39%	196%	13%	90%	-24%	-4%	17%	157%	133%	78%	365%	-40%	-16%	-15%	-30%	93%	50%	-3%	35%
23	23 📫	Smart Home and Office	-59%	47%	-33%	74%	-51%	91%	-25%	-97%	-62%	495%	3%	670%	98%	-13%	181%	188%	182%	3872%	7%	15%	269%	20%
25	24 👚	Unified Communications	-17%	-59%	-38%	-59%	-14%	-5%	-78%	-32%	-42%	334%	-13%	-75%	-32%	-50%	-23%	200%	-78%	-58%	-6%	-36%	-17%	-32%
24	25 🦊	Electronics	-23%	-62%	-40%	-37%	-66%	-32%	48%	-39%	-64%	-42%	-54%	-72%	-84%	-51%	24%	-48%	-5%	-54%	-59%	-43%	5%	-30%
26	26 📫	Scanner Imaging	-35%	-27%	-31%	-12%	2%	-32%	-42%	-67%	-11%	-32%	-41%	-49%	-42%	-27%	-51%	-35%	-10%	-20%	-58%	-28%	-44%	-31%
27	27 📫	Security	-20%	-50%	-36%	-44%	-9%	14%	-41%	-24%	-10%	297%	76%	-61%	114%	106%	-10%	2%	106%	34%	57%	-24%	7%	-17%
29	28 👚	Tape Storage	14%	-43%	-39%	-26%	-72%	-56%	-11%	101%	-44%	73%	-9%	38%	-56%	10%	104%	-49%	31%	-72%	-44%	-15%	36%	-9%
28	29 🦊	Terminals, Thin Clients and Points of Sales	-59%	-41%	-73%	-39%	-59%	-62%	-39%	108%	-78%	-82%	-60%	-35%	-68%	-40%	-12%	9%	-29%	-91%	-67%	-50%	-19%	-47%
30	30 📫	Photo and Video Cameras	-47%	-48%	-49%	-84%	78%	-22%	-39%	-45%	-64%	-57%	-3%	-66%	66%	-82%	-66%	-82%	-28%	-51%	-13%	-51%	-55%	-53%

Traffic Lights: Above 15% Inbetween Below -20%

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Largest Industries in Consumer Channel % Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019 Sorted by largest industries and country size in Consumer Channel

								١	VESTERN B	UROPE								EAS	TERN EUR	ROPE		INDUST	TRY S
Rank- W23	Rank- W24	Industry Sector	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	
1	1 📫	Mobile Computing	65%	95%	66%	60%	76%	56%	8%	40%	59%	88%	95%	53%	40%	29%	1%	75%	84%	126%	76%	64%	
2	2 🐤	Telecommunications	77%	64%	72%	82%	80%	107%	91%	29%	-17%	16%	-22%	15%	-9%	0%	-49%	25%	84%	-8%	157%	59%	
3	з 🐤	Software and Licences	58%	66%	-6%	182%	431%	104%	348%	107%	496%	585%	293%	340%	318%	323%	75%	65%	205%	287%	48%	149%	
4	4 🔿	Printing Consumables	16%	-5%	46%	34%	-1%	6%	57%	-13%	-11%	56%	13%	-4%	-26%	60%	-24%	56%	88%	-24%	-23%	18%	
5	5 ᅌ	Displays	56%	144%	22%	11%	64%	58%	15%	-13%	230%	21%	104%	83%	-9%	51%	64%	39%	89%	44%	-53%	61%	
6	6 📫	Computing Components	154%	220%	255%	55%	99%	175%	78%	150%	250%	-18%	219%	117%	23%	255%	15%	65%	104%	81%	47%	139%	
7	7 🔿	Disk Storage	18%	14%	17%	34%	-22%	6%	8%	28%	65%	119%	125%	12%	8%	26%	20%	7%	-28%	59%	-43%	18%	
8	8 🔿	Warranties and Services	67%	802%	-9%	523%	954%	12%	328%	168%	-68%	1032%	16%	132%	-23%	332%	-15%	93%	262%	1193%	-89%	70%	
9	9 🔿	Desktop Computing	-10%	18%	-23%	35%	-5%	33%	26%	-26%	8%	-53%	50%	66%	-23%	27%	-15%	10%	93%	121%	29%	1%	T
10	10 🔿	Audio-Video Systems	73%	26%	32%	6%	41%	90%	26%	119%	-29%	60%	83%	159%	78%	137%	14%	134%	69%	64%	-41%	50%	
11	11 🔿	Networking Systems	22%	32%	42%	25%	29%	72%	-12%	131%	-17%	155%	116%	82%	-71%	38%	62%	84%	61%	138%	-40%	24%	
13	12 👚	Computing Accessories	58%	24%	39%	23%	30%	42%	1%	34%	94%	110%	49%	5%	3%	39%	94%	33%	92%	23%	10%	39%	
12	13 🕹	Printing	39%	42%	3%	29%	13%	9%	-17%	8%	107%	9%	42%	92%	12%	6%	-21%	91%	78%	102%	79%	23%	
14	14 中	Server Computing	219%	88%	115%	925%	-11542%	88%	-81%	125%	161%	15954%	2193%	202%	783%	504%	173%	204%	82%	1038%	348%	221%	
15	15 🔿	Data Center Networking and Security	265%	351%	693%	201%	198%	136%	282%	43%	173%	-23%	242%	146%	304%	17%	163%	214%				227%	
16	16 中	Wireless Networking	81%	86%	60%	46%	50%	66%	-40%	111%	77%	150%	265%	-20%	619%	207%	33%	150%	104%	108%	24%	77%	+
17	17 🔿	Wearable Devices	36%	39%	-3%	-25%	70%	-19%	-6%	61%	13%	110%	7%	-28%	36%	-21%	-23%	25%	32%	-49%	-75%	23%	T
18	18 中	Power Equipment	63%	-59%	-47%	-13%	-21%	24%	-12%	66%	80%	-2%	169%	36%	121%	106%	-8%	3%	-5%	20%	22%	4%	+
19	19 🔿	Other Networking Equipment	55%	95%	24%	10%	-21%	46%	7%	46%	-11%	133%	22%	-25%	8031%	53%	19%	156%	114%	0%	35%	34%	
20	20 🔿	Connectivity	21%	-34%	-59%	6%	1%	33%	-2%	-16%	-4%	-6%	26%	-9%	84%	-20%	84%	9%	8%	19%	12%	-11%	
22	21 👚	Removable Storage	14%	-58%	-13%	103%	-62%	7%	28%	-50%	1%	-73%	133%	-5%	-25%	-13%	-35%	4%	-36%	-22%	-39%	-25%	
21	22 🦊	Games Consoles	112%		173%	124%	2%	94%	180%	261%	272%	703%	108%	-18%	46770%	66%	77%	74%	-34%	53%	-22%	100%	
23	23 🔿	Smart Home and Office	-20%	3%	-82%	-5%	-79%	-58%	-40%	354%	-35%	42%	-76%	149%	-1%	-49%	-12%	305%	124%	7403%	240%	-44%	
25	24	Unified Communications	60%	178%	102%	115%	21%	60%	-91%	10%	-91%	7153%	120%	-73%	2088%	-33%	-37%	511%	-69%	383%	-28%	52%	
24	25 🐺	Electronics	-64%	-92%	-88%	3%	-86%	-1%	-43%	-55%	-91%	-75%	-57%	-81%	111%	-74%	176%	-8%	-18%	-83%	-69%	-67%	
26	26 📫	Scanner Imaging	24%	47%	-22%	26%	50%	47%	11%	17%	123%	-64%	63%	316%	1213%	27%	470%	96%	111%	131%	-7%	31%	
27	27 🔿	Security	118%	63%	-80%	-54%	-45%	-27%	-29%	16%	14%	49%	105%	14%	-12%	36%	215%	28%	209%	129%	66%	1%	
29	28	Tape Storage	253%	32%	-67%	10%	-1323%	27%	-74%	224%	206%	-64%	-229%	-61%	315%	20%	643%	3062%	312%	133%	00000/	-5%	
28 30	29 🖖 30 🗪	Terminals, Thin Clients and Points of Sales Photo and Video Cameras	54% 30%	18% -27%	2865% -60%	638% 94%	24% -58%	157% -29%	19891% -90%	2671% -14%	2066%	-97% -49%	-36%	4584% -57%	27% -87%	-6% -35%	272% -34%	50% 17%	-86% -39%	109% -44%	238% -52%	125% -49%	

15%
20%

INDUSTR	RY SECTO	R TREND
WE	EE	Total
64%	40%	59%
59%	19%	54%
149%	93%	133%
18%	1%	16%
61%	50%	59%
139%	47%	106%
18%	8%	15%
70%	12%	61%
1%	3%	1%
50%	58%	51%
24%	62%	32%
39%	63%	43%
23%	9%	19%
221%	216%	219%
227%	222%	226%
77%	78%	77%
23%	4%	21%
4%	-6%	0%
34%	46%	35%
-11%	30%	-8%
-25%	-18%	-24%
100%	40%	72%
-44%	428%	-42%
52%	-5%	44%
-67%	8%	-61%
31%	334%	71%
1%	138%	7%
-5%	582%	34%
125%	234%	160%
-49%	-13%	-34%

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#### Top categories in Business Channel

% Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019 Sorted by largest categories and country size in Business Channel

				_	_				WESTERN	EUROPE	_		_					EAS	TERN EUF	OPE		CAT	EGORY TR	END
Rank-	Rank-			UK &															Czech					
W23	W24	Category	Germany	Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Republic	Baltics	Slovakia	WE	EE	Total
1	1 📫	Notebooks	45%	39%	82%	29%	36%	26%	-20%	25%	-18%	41%	-22%	-15%	-2%	11%	-24%	64%	-7%	10%	1%	32%	5%	28%
2	2 🔿	Warranties and Services	-13%	2%	49%	-11%	-13%	-22%	-35%	-13%	-35%	17%	-40%	-20%	6%	-19%	-31%	-1%	-20%	-48%	-40%	-7%	-25%	-9%
3	3 🔿	Smartphones	1%	-8%	22%	75%	46%	78%	-14%	20%	-19%	55%	60%	5%	50%	113%	-47%	-35%	4%	95%	77%	24%	-23%	16%
4	4 🔿	Tablet PCs	40%	82%	225%	-14%	82%	21%	-18%	59%	-42%	18%	102%	-11%	17%	-25%	11%	65%	31%	-30%	33%	46%	33%	45%
5	5 🔿	Toner	-9%	-42%	-25%	1%	-34%	-24%	-1%	4%	-31%	-28%	4%	-8%	-1%	3%	-42%	-39%	45%	-72%	-17%	-19%	-32%	-22%
6	6 🔿	Desktops	-49%	-57%	-34%	-26%	-27%	-22%	-39%	-20%	-42%	-24%	-41%	-21%	-54%	-36%	-8%	-15%	-26%	-48%	-19%	-40%	-14%	-35%
7	7 🔿	Office Applications Software	-43%	7%	5%	-7%	-10%	0%	1%	-19%	-24%	-2%	10%	31%	-1%	0%	168%	3%	-34%	-14%	-32%	-12%	48%	-6%
8	8 🔿	Ink Cartridges and Tanks	16%	-7%	1%	31%	78%	-18%	10%	3%	2%	14%	14%	-18%	-46%	32%	-38%	7%	88%	-72%	-15%	17%	2%	15%
9	9 🔿	Monitors	-6%	4%	-21%	-8%	21%	9%	-12%	3%	-4%	-25%	19%	-26%	36%	7%	-6%	-23%	-20%	-17%	0%	-2%	-12%	-4%
10	10 📫	Security Software	-18%	6%	33%	2%	16%	8%	6%	7%	-43%	77%	-7%	25%	-20%	9%	-34%	-6%	25%	76%	-158%	-1%	-22%	-2%
12	11 🏠	Processors	45%	-12%	-18%	24%	6%	170%	-35%	30%	-11%	-42%	-20%	15%	75%	18%	-6%	72%	57%	61%	-28%	15%	16%	15%
11	12 🦊	Network Switches	-9%	-37%	1%	-28%	-33%	-37%	-10%	-10%	-50%	-47%	-12%	-10%	-18%	-14%	-15%	-24%	73%	-11%	-43%	-22%	-11%	-21%
13	13 📫	Operating Systems Software	-27%	-29%	-23%	31%	-30%	-41%	48%	-2%	-39%	-34%	-26%	0%	-39%	27%	-7%	-31%	-33%	-41%	-59%	-15%	-23%	-16%
14	14 📫	Servers (PC/Mac)	-19%	-13%	-17%	-43%	-11%	-37%	-74%	-19%	-38%	22%	-23%	-48%	13%	-18%	-18%	86%	-43%	-3%	101%	-26%	1%	-18%
15	15 📫	Data Management Software	1%	-12%	-44%	18%	-48%	-3%	-30%	50%	-18%	54%	318%	-47%	-75%	-32%	169%	-66%	-7%	-43%	54%	-11%	16%	-8%
16	16 📫	Solid State Drives (SSDs)	-14%	-26%	1%	-14%	11%	-52%	50%	10%	-35%	20%	-52%	-50%	-25%	-20%	4%	-19%	3%	-31%	-73%	-15%	-12%	-14%
17	17 📫	Hard Disk Drives (HDDs)	-34%	-33%	-28%	-16%	-5%	77%	-22%	-1%	-36%	55%	-38%	-9%	-41%	-33%	-37%	-23%	-19%	30%	-18%	-23%	-31%	-25%
18	18 ᅌ	RAM Memory	-9%	-40%	-20%	-32%	-18%	-33%	-34%	-29%	-33%	-2%	-45%	-41%	-4%	-24%	16%	-1%	-12%	-48%	-36%	-27%	7%	-21%
20	19 👚	Database Management Software	57%	-38%	-53%	311%	-80%	-5%	-18%	35%	105%	-42%	27%	39%	7%	-7%	-21%	-6%	13%	-74%	-61%	5%	-17%	4%
19	20 🦊	Headsets/Headphones and Microphones	61%	-2%	90%	29%	53%	553%	-22%	50%	22%	85%	71%	101%	23%	119%	1%	22%	-6%	19%	-78%	61%	-9%	56%
21	21 📫	Disk Arrays	1%	-7%	1%	11%	4%	-13%	76%	-26%	24%	143%	-70%	-83%	-91%	-55%	-48%	117%	-84%	88%	-50%	-5%	-34%	-13%
22	22 🔿	Graphics and Design Software	-15%	-40%	32%	16%	-15%	-41%	-25%	-1%	-15%	22%	-48%	-46%	-27%	5%	-1%	23%	65%	36%	30%	-12%	27%	-11%
23	23 🔿	Network Management Software	-33%	-3%	-33%	-24%	3%	-17%	-17%	-52%	-28%	-32%	10%	9%	-10%	-12%	45%	15%	-70%	-44%	-62%	-20%	13%	-18%
24	24 🔿	Large Format Displays	-13%	-43%	-47%	-42%	-36%	-23%	-45%	42%	-40%	-87%	-33%	21%	41%	-7%	12%	-53%	-30%	-48%	-17%	-34%	-15%	-32%
25	25 🐤	Virtualisation Software	-25%	7%	-24%	-8%	32%	-43%	-8%	-24%	-45%	-24%	-37%	48%	-5%	-29%	139%	4%	-33%	-33%	50%	-15%	82%	-5%
26	26 눶	Network Management and Security Appliances	-19%	1%	-23%	-28%	41%	-21%	32%	-39%	-67%	16%	7%	-24%	-51%	24%	-67%	-31%	482%	132%	43%	-10%	-45%	-14%
27	27 눶	Wireless Access Points	4%	6%	-14%	-18%	-42%	-2%	-37%	32%	-15%	-27%	-26%	-32%	53%	18%	-16%	-60%	6%	-36%	11%	-5%	-26%	-8%
29	28 🏠	Docking Stations	13%	-22%	5%	21%	-6%	-14%	-33%	19%	-10%	102%	-11%	-47%	44%	-13%	13%	24%	-16%	-21%	1%	-3%	6%	-2%
28	29 🦊	All-in-One Lasers	-21%	-53%	-18%	-36%	-12%	-49%	6%	-37%	6%	-75%	-58%	-32%	-40%	-33%	-52%	-39%	-26%	-74%	-54%	-32%	-49%	-37%
	30 🔿	Integrated Systems	-24%	-9%	468%	3%	-64%	-79%	-61%	141%	-93%	6%	-96%	587%	-55%	-40%	537%	-19%	-90%	-33%		9%	126%	20%
	31 📫	Transceivers	5%	3%	13%	-23%	6%	-57%	8%	-6%	-7%	-63%	-27%	-57%	-42%	-3%	27%	7%	-44%	3%	49%	-5%	21%	0%
	32 👚	Notebook Workstations	-21%	41%	14%	24%	89%	26%	29%	70%	5%	3%	47%	-14%	-9%	53%	229%	42%	-31%	-4%	-56%	21%	69%	25%
	33 👚	Desktop Workstations (PC/Mac)	-29%	-47%	-33%	-31%	-40%	-3%	-24%	-8%	-16%	-7%	-48%	-26%	-46%	-59%	74%	-6%	-17%	-42%	-36%	-35%	37%	-25%
-	34 🔿	Network Routers	-32%	-23%	13%	16%	-74%	-11%	-8%	-44%	-16%	2%	2%	14%	-38%	22%	-21%	-29%	-19%	-6%	-17%	-27%	-22%	-26%
-	35 🦊	Developer Tools Software	-49%	-45%	4%	-57%	-9%	41%	145%	-49%	-51%	-46%	41%	-9%	174%	55%	-33%	74%	-26%	-80%	-6%	-26%	-36%	-27%
36	36 🔿	Graphics Cards	15%	46%	43%	-24%	49%	-9%	-41%	12%	-31%	9%	19%	-54%	-47%	65%	-56%	8%	13%	59%	-13%	22%	-28%	8%
37	37 📫	Uninterruptable Power Supplies (UPS)	-28%	-13%	-27%	-30%	-30%	-30%	-6%	-21%	-24%	-17%	-26%	-20%	-41%	-7%	-16%	-46%	-31%	-49%	-24%	-23%	-22%	-23%
	38 🔿	Cables and Connectivity Adapters	17%	-38%	-8%	-10%	-10%	-27%	-32%	-11%	8%	-30%	31%	-3%	-5%	-6%	-44%	13%	5%	-9%	-11%	-13%	-26%	-15%
-	39 🏫	Televisions	-23%	-40%	-5%	-32%	3%	4%	-25%	25%	-54%	23%	-29%	75%	-107%	64%	354%	-33%	48%	-13%	16%	-14%	15%	-8%
-	40 📫	Long Life Consumables	-21%	-55%	-36%	-21%	-35%	-26%	-14%	-26%	0%	-42%	-10%	13%	11%	-30%	-34%	-40%	7%	-60%	-38%	-31%	-32%	-31%
	41 🦊	All-In-One Inkjets	-17%	-5%	-14%	-9%	14%	-36%	-21%	-3%	-10%	9%	-65%	-75%	-39%	-11%	27%	-33%	-14%	55%	-3%	-12%	-13%	-12%
	42 🦊	Keyboards and Keypads	-2%	-1%	-15%	13%	59%	40%	0%	5%	23%	44%	-4%	4%	-4%	3%	-11%	8%	-5%	-18%	7%	6%	-6%	5%
	43 🦊	Network Expansion Modules	-20%	18%	-49%	-48%	-53%	-58%	-44%	-70%	-57%	-16%	-27%	-25%	-20%	-24%	62%	-16%	101%	-63%	-74%	-24%	46%	-14%
	44 🔿	Laser Printers	-41%	-53%	-17%	-52%	-29%	-28%	-34%	-9%	11%	-6%	-42%	-47%	-40%	-15%	-46%	-40%	0%	-53%	-34%	-39%	-43%	-40%
45	45 📫	VOIP Systems	-16%	-60%	-37%	-60%	-13%	-2%	-77%	-30%	-38%	357%	-20%	-79%	-31%	-52%	-27%	219%	-73%	-57%	-69%	-36%	-20%	-32%
46	46 🔿	Projectors	-33%	-71%	-53%	-49%	-57%	-37%	3%	-65%	-73%	-3%	-68%	-39%	-44%	15%	-56%	-19%	-40%	-60%	-54%	-48%	-35%	-47%
47	47 📫	Servers (Unix)	-56%	-18%	-87%	-69%	-67%	-92%	-100%	-17%	-97%	31%	-75%	-100%		-79%	-96%	1130%		-100%		-62%	22%	-58%

Traffic Lights: Above 15% Inbetween Below -20%

#### Largest Category Consumer

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#### Largest Categories in Consumer Channel % Change in sales through IT Distribution in Euros 4 Weeks to Week 24 (June 14 2020) vs Same Period 2019

Sorted by largest categories and country size in Consumer Channel

Traffic Lig	nts:
Above	15%
Inbetween	
Deleuu	209/

							1	WESTERNI	EUROPE								EAS	TERN EUF	ROPE		CAT	EGORY TI	REND
ik- Rank- 23 W24	Category	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Belgium	Austria	Portugal	Denmark	Finland	Norway	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
1 4	Smartphones	78%	87%	75%	97%	87%	111%	95%	29%	-18%	18%	-25%	14%	-10%	0%	-50%	29%	86%	-8%	171%	64%	23%	59%
2 🛱	Notebooks	62%	94%	79%	86%	73%	62%	8%	49%	50%	76%	91%	50%	48%	25%	0%	84%	62%	125%	71%	66%	39%	60%
3 4	Tablet PCs	71%	100%	34%	11%	93%	33%	2%	11%	67%	140%	86%	40%	-32%	40%	-1%	-10%	237%	126%	125%	56%	45%	55%
4 4	Monitors	70%	166%	46%	32%	48%	112%	88%	89%	276%	38%	66%	28%	-20%	60%	24%	60%	119%	39%	23%	82%	46%	73%
5 4	Ink Cartridges and Tanks	22%	1%	41%	33%	18%	40%	47%	-15%	-9%	61%	-5%	-5%	-43%	68%	-27%	44%	138%	-20%	-26%	22%	5%	20%
6 4	Headsets/Headphones and Microphones	125%	50%	128%	13%	165%	189%	46%	199%	-28%	125%	121%	216%	19%	170%	29%	194%	89%	79%	-42%	98%	75%	95%
7 🗖	Desktops	-14%	18%	-24%	38%	-6%	33%	21%	-27%	2%	-54%	43%	51%	-33%	26%	-22%	10%	97%	123%	25%	-2%	-1%	-2%
8 4	Processors	260%	359%	452%	63%	142%	333%	110%	124%	267%	-35%	322%	190%	136%	297%	20%	73%	175%	203%	97%	179%	63%	136%
9 🕇	Televisions	50%	121%	16%	-40%	416%	-22%	-95%	-59%	129%	-32%	159%	162%	342%	6%	776%	23%	14%	31%	-82%	42%	56%	46%
10 1	Hard Disk Drives (HDDs)	86%	5%	-33%	-3%	-51%	-7%	14%	-11%	104%	137%	145%	46%	-11%	2%	-5%	80%	37%	136%	-9%	12%	15%	13%
11 1	Solid State Drives (SSDs)	-19%	41%	57%	144%	84%	28%	4%	13%	46%	121%	103%	-5%	64%	148%	78%	-10%	-54%	19%	-56%	18%	0%	12%
12 🤳	Graphics Cards	118%	289%	318%	10%	75%	150%	58%	98%	204%	37%	48%	58%	-81%	340%	38%	65%	154%	51%	1%	133%	62%	111%
13 1	Smart Watches	36%	100%	15%	55%	189%	-3%	-23%	83%	29%	158%	7%	-29%	45%	11%	15%	2%	32%	-18%	-68%	53%	10%	49%
14 1	Network Routers	16%	99%	59%	5%	27%	45%	-21%	69%	-23%	138%	102%	108%	-69%	27%	20%	53%	21%	149%	-77%	19%	21%	20%
15 🚽	All-In-One Inkjets	45%	25%	16%	19%	19%	8%	-28%	-4%	89%	0%	-25%	89%	15%	0%	-49%	127%	167%	54%	38%	24%	32%	25%
16 片	Toner	3%	-30%	80%	51%	-29%	-23%	72%	-9%	-35%	35%	58%	-4%	68%	53%	-33%	100%	51%	-44%	61%	6%	-9%	2%
17 1	All-in-One Lasers	48%	103%	-4%	22%	26%	4%	-23%	2057%	105%	73%	91%	44%	-40%	6%	-31%	33%	47%	37%	130%	26%	-17%	7%
18 🚽	Wireless Access Points	84%	88%	76%	46%	52%	64%	-43%	122%	76%	146%	259%	-23%	488%	224%	8%	150%	106%	118%	13%	78%	65%	77%
19 1	Network Switches	43%	-27%	-41%	74%	32%	94%	24%	159%	39%	173%	123%	65%	-120%	56%	190%	170%	136%	118%	764%	35%	186%	64%
20 🚽	RAM Memory	93%	1%	32%	-6%	32%	79%	56%	313%	505%	53%	167%	88%	-34%	95%	90%	30%	0%	5%	-11%	66%	45%	60%
21 5	Digital Media Players	26%	98%	-55%	100%	42%	95%	80%	51%	39%	4%	37%	70%	132%	91%	-45%	87%	193%	6611%	-34%	54%	82%	54%
22 🚽	Mice	22%	91%	85%	37%	14%	43%	-26%	10%	79%	154%	-20%	-9%	69%	24%	156%	48%	100%	18%	33%	37%	92%	49%
23 4	Keyboards and Keypads	66%	55%	39%	44%	11%	98%	7%	90%	75%	150%	-12%	1%	112%	54%	158%	12%	98%	15%	-30%	52%	70%	55%
24 🛱	Smart Bands and Activity Trackers	-82%	28%	-38%	-89%	-31%	71%	276%	1096%	-99%	22%	-30%	1337%	-100%	-55%	-32%	317%	108%	-64%	-86%	-3%	6%	-2%
25 🚽	Warranties and Services	67%	802%	-9%	523%	954%	12%	328%	168%	-68%	1032%	16%	132%	-23%	332%	-15%	93%	262%	1193%	-89%	70%	12%	61%
26 1	Operating Systems Software	10%	-18%	1366%	30%	251%	1%	104%	331%	313%	69%	639%	277%	357%	1775%	-32%	82%	106%	170%	-80%	121%	38%	92%
27 🚽	Games Accessories	112%		113%	117%	-12%	101%	66%	261%	108%	373%	107%	17%	46770%	62%	76%	150%	113%	75%	-29%	85%	120%	93%
28 1	Mobile Computing Cases	113%	-31%	17%	-8%	8%	38%	-10%	65%	168%	80%	341%	18%	123%	36%	42%	1%	84%	22%	109%	35%	38%	35%
29 1		57%	39%	-27%	126%	38%	-13%	-2%	73%	292%	130%	31%	173%	41%	28%	18%	105%	99%	63%	198%	25%	38%	29%
30 4	Security Software	145%	118%	33%	191%	76%	446%	21%	46%	348%	13%	73%	671%	503%	93%	114%	131%	455%	1053%	-47%	137%	130%	136%
31 1		62%	124%	40%	-2%	-24%	21%	43%	44%	50%	125%	232%	97%	-15%	51%	28%	44%	60%	64%	37%	33%	43%	34%
32 🚽	NAS Devices	40%	15%	34%	-27%	-37%	-14%	-3%	90%	45%	86%	63%	174%	-34%	-30%	9%	-14%	-21%	138%	-9%	17%	-4%	14%
33 1	Portable Speakers	-73%	-27%	-34%	-75%	-29%	10%	-87%	-43%	-99%	-91%	-87%	-62%	3635%	-65%	-77%	-38%	-58%	-89%	-93%	-41%	-64%	-42%
34 4	Cables and Connectivity Adapters	19%	-38%	-64%	2%	3%	32%	-6%	-17%	-10%	-14%	25%	-13%	16%	-20%	128%	4%	2%	-5%	12%	-15%	33%	-11%
35 4	Office Applications Software	4%	15%	-62%	53%	46%	-52%	172%	-57%	-11%	13%	92%	44%	-10%	6%	-61%	46%	12%	-3%	248%	-4%	20%	5%
36 1		63%	-42%	-49%	-18%	-23%	8%	149%	45%	258%	295%	270%	26%	699%	0%	5%	38%	6%	69%	100%	10%	9%	9%
37 5		-45%	65%	-43 %	-4%	-64%	-25%	64%	334%	-14%	-13%	62%	131%	27%	71%	26%	-38%	25%	263%	0%	-16%	2%	-13%
38	Tiojectora	-45%	03%	464%	+ /0	-64% 67%	-25%	04 /0	33476	-14%	1867%	114%	-55%	21 /0	172%	476%	-30%	-63%	-17%	-20%	153%	11%	49%
39 1	IP Cameras	118%	54%	-80%	-54%	-45%	-29%	-29%	16%	14%	50%	105%	14%	-12%	36%	221%	27%	210%	132%	66%	-4%	140%	3%
40 1	Memory Cards Smart Speakers	50% -41%	-54% -45%	-21% -76%	272% -46%	-64% -82%	21% -49%	48% -40%	12%	-49% -67%	-74% -40%	-13% -94%	62% -100%	-39%	41%	-33%	-21% 39%	-41% -72%	-15% -100%	-46% -100%	-19% -61%	-29% 28%	-22% -61%
42 4	Smartphone Protective Cases	5%	-88%	-62%	-67%	-24%	43%	2%	0%	-38%	-40%	-94% 156%	62%	-8%	-21%	-6%	-75%	54%	-70%	100 /6	-55%	-26%	-52%
43	Mobile Phones	52%	13%	-58%	3%	-12%	117%	-14%	35%	-45%	-92%	-25%	59%	27%	-2%	-55%	-90%	20%	-7%	34%	4%	-55%	-15%
44 5	USB Memory Digital Cameras	-11% -26%	-69% 166%	-42% -73%	-11% 121%	-64% -55%	1% -46%	23% 181%	-53% -79%	13% -100%	-70% -47%	286% -61%	-25% -52%	5% -100%	-50% 7%	-59% -79%	18% 22%	-34% -43%	-42% -36%	-48% -57%	-40% -52%	-21% -14%	-37% -35%



# Optimise today Accelerate tomorrow

