

IT Industry Update

29 April 2020 CONTEXT COVID-19 Weekly Report





01

CLIMATE SURVEY FEEDBACK



TOP TRENDS WESTERN & EASTERN EUROPE: COVID-19 REPORTS AND Q2 GUIDANCE

03

REGIONAL FOCUS - NORDICS

04

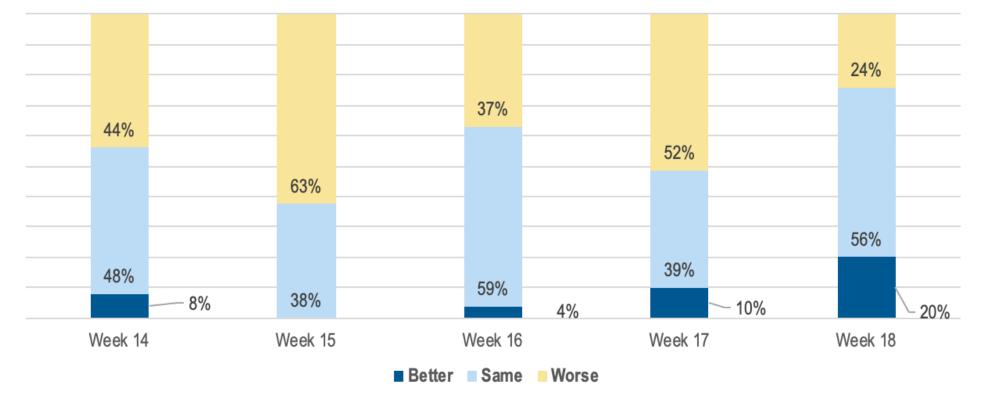
ANALYST UPDATE – PC'S & LFD'S

CONTEXT COVID-19 Weekly Report

CLIMATE SURVEY FEEDBACK – POSITIVE TRENDS THIS WEEK

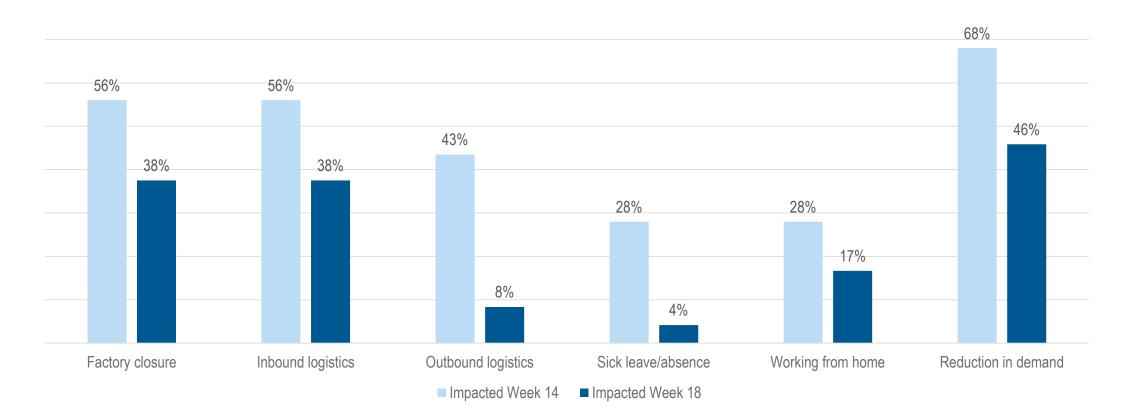


How is the situation for the IT industry in your country (compared to last week)?



REDUCTION IN DEMAND REMAINS THE BIGGEST ISSUE, SUPPLY ISSUES REMAIN

How much is your business affected by the following factors?

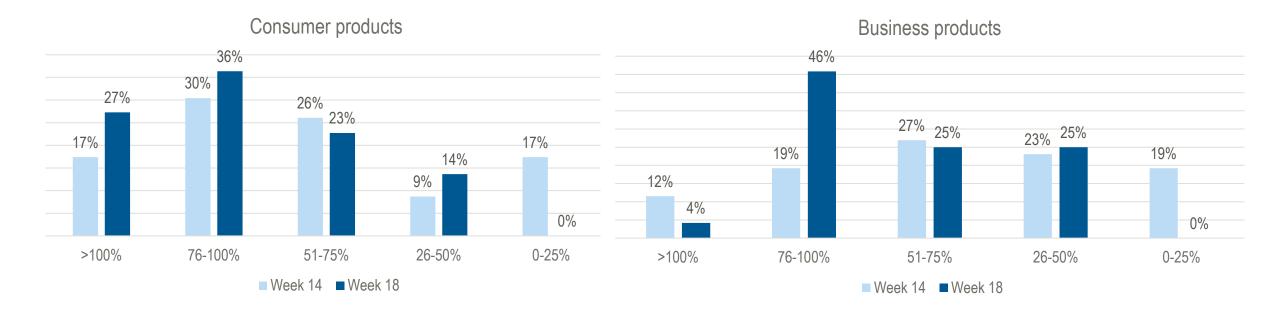


25 responses

CONTEXT

ACTIVITY INCREASING, BUT STILL SOME LOW PERCENTAGES

How much activity are you seeing in different IT channels to market (compared to normal)?



25 responses

CONTEXT



COVID-19 REPORTS



REVENUE GROWTH

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



REVENUE 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

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



CHANNEL HEALTH

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

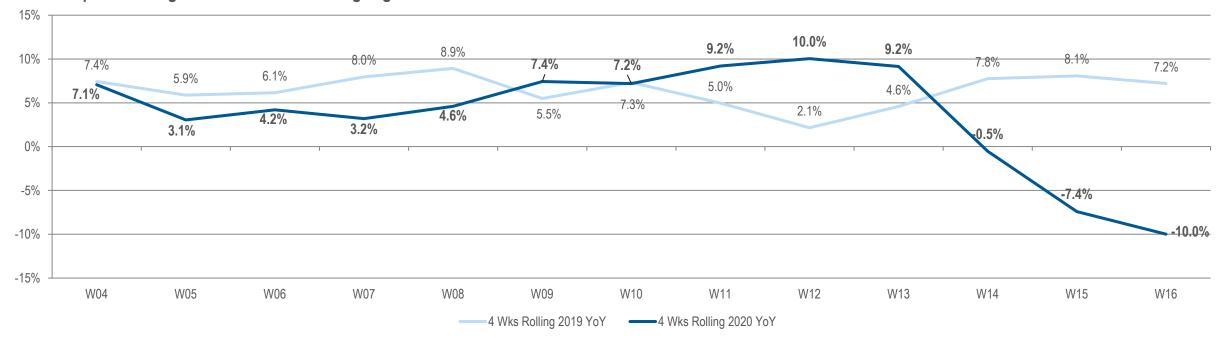


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DOWNWARD TREND CONTINUES (AFTER A QUARTER OF PANDEMIC DRIVEN GROWTH)



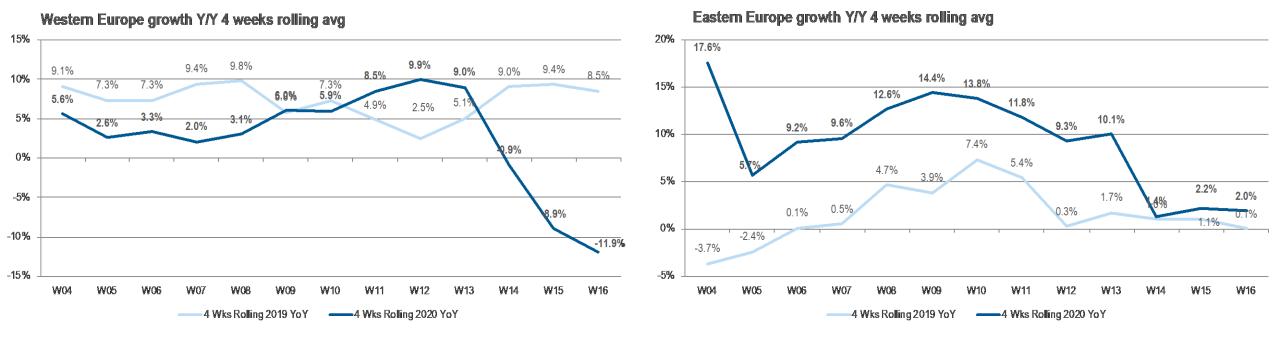
European Panel growth Y/Y 4 weeks rolling avg



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WESTERN EUROPE CONTINUES DOWN, EASTERN EUROPE STABILISES



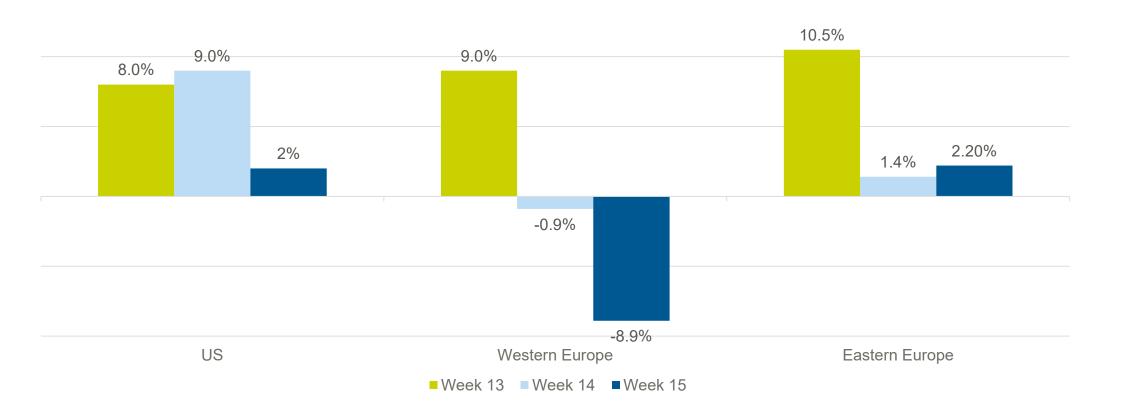


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US DIPS IN WEEK 15



US vs Europe Distribution YOY Growth



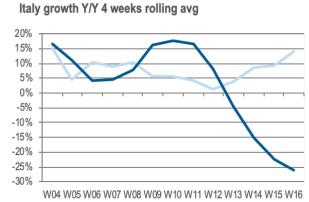
SOME COUNTRIES MAKE GROUND IN WEEK 16, NOTABLY UK & SPAIN

Week 10

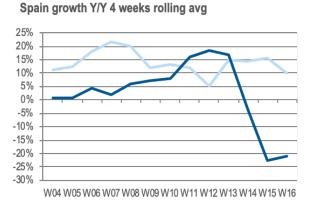
Week 10



Week 10







Week 10

Week 11

Portugal growth Y/Y 4 weeks rolling avg



Pandemic week start

Pandemic week start

Week 10

Week 9

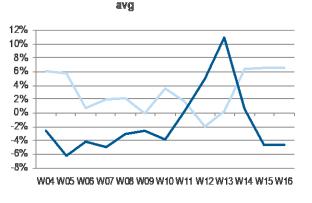
Germany growth Y/Y 4 weeks rolling avg



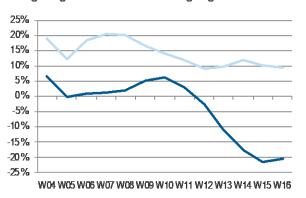
Austria growth Y/Y 4 weeks rolling avg



United Kingdom growth Y/Y 4 weeks rolling



Belgium growth Y/Y 4 weeks rolling avg

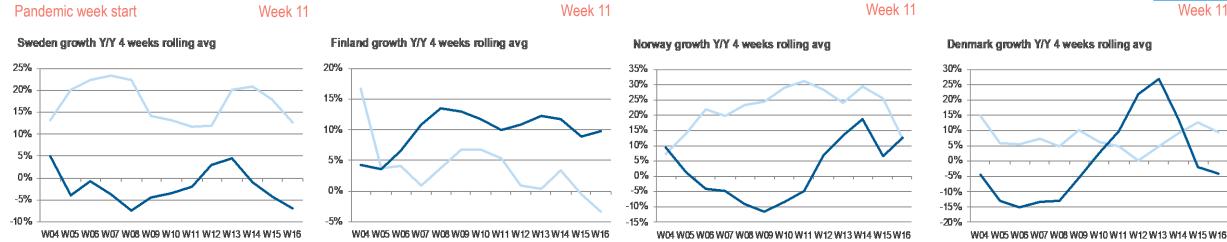


Sorted in order of week of pandemic date

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THE NORDICS HAVE NOT HAD THE PANDEMIC DOWNTURN OF OTHER WE COUNTRIES









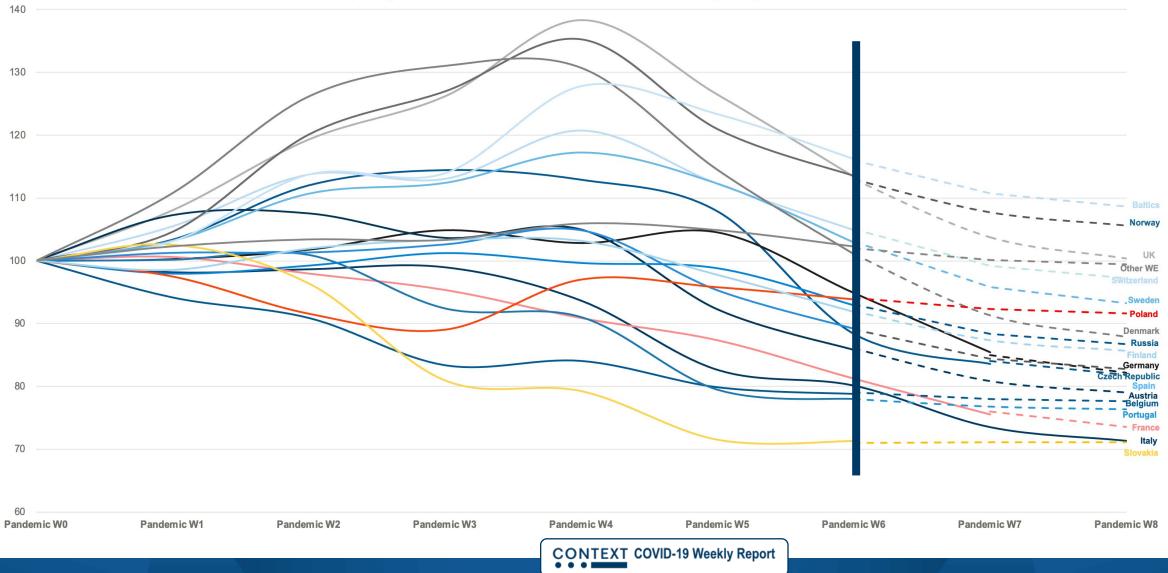


REVENUE PANDEMIC INDEX



INDEX CONTINUES TO GO DOWN (WEEK 16 INCLUDES EASTER MONDAY)

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



CONTEXT

Q2 GUIDANCE

- CONTEXT
- Q1 has 4.8% YOY growth the underlying growth before the pandemic boost was 2.5%, so the post pandemic numbers were very strong (8%) until 31/3, then a big drop
- Taking the Week 16 4-week index, and projecting forward would lead to -3.3% growth in Q2
- Given the trends, and assuming that
 - supply of product gets through
 - there is a gradual but not full return to work (varying by country)

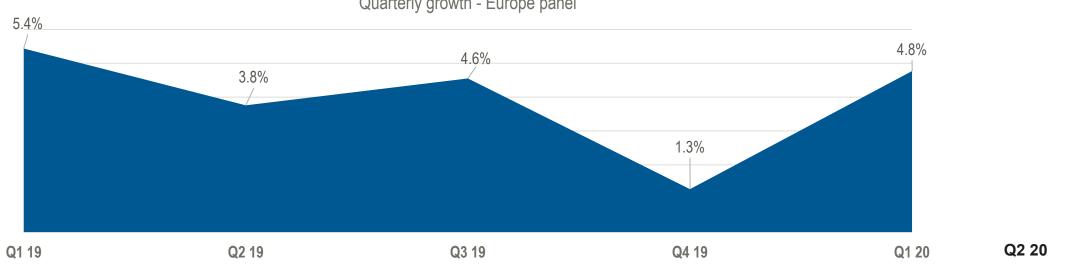
We estimate that the quarter will show a **decline year-on-year of between 2-6%**

This will represent a **14% sequential drop on Q1 revenues** (compared to 2019 when Q2 was 7% lower than Q1)

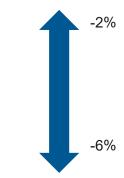


Q1 & Q2 IN CONTEXT









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SECTOR/CATEGORY WEATHER MAPS

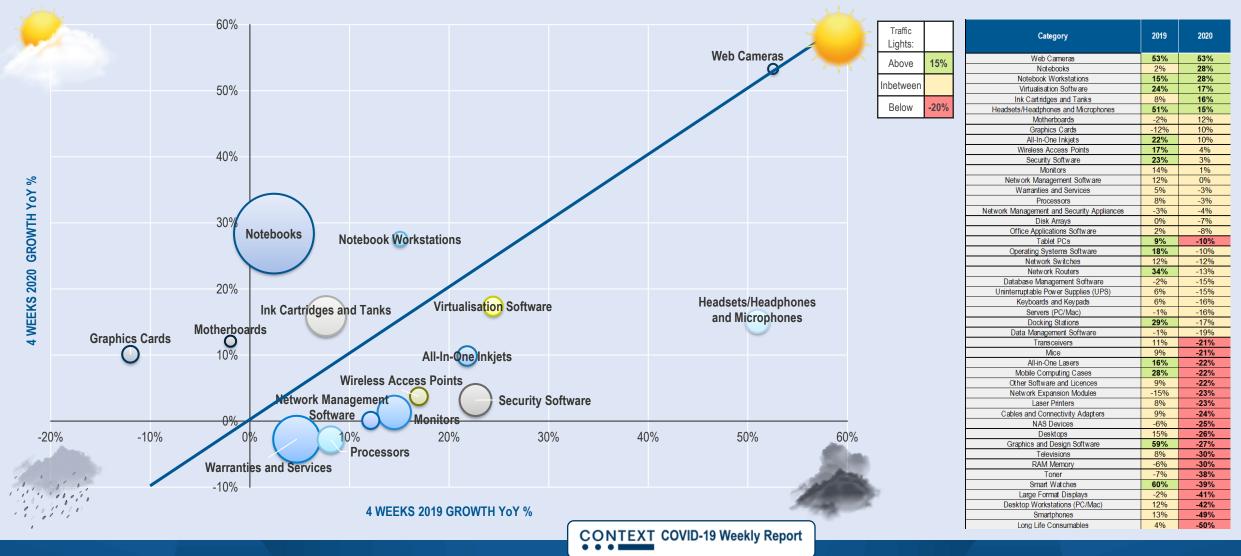
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CATEGORY TRENDS: TOP 15 BY % REVENUE GROWTH

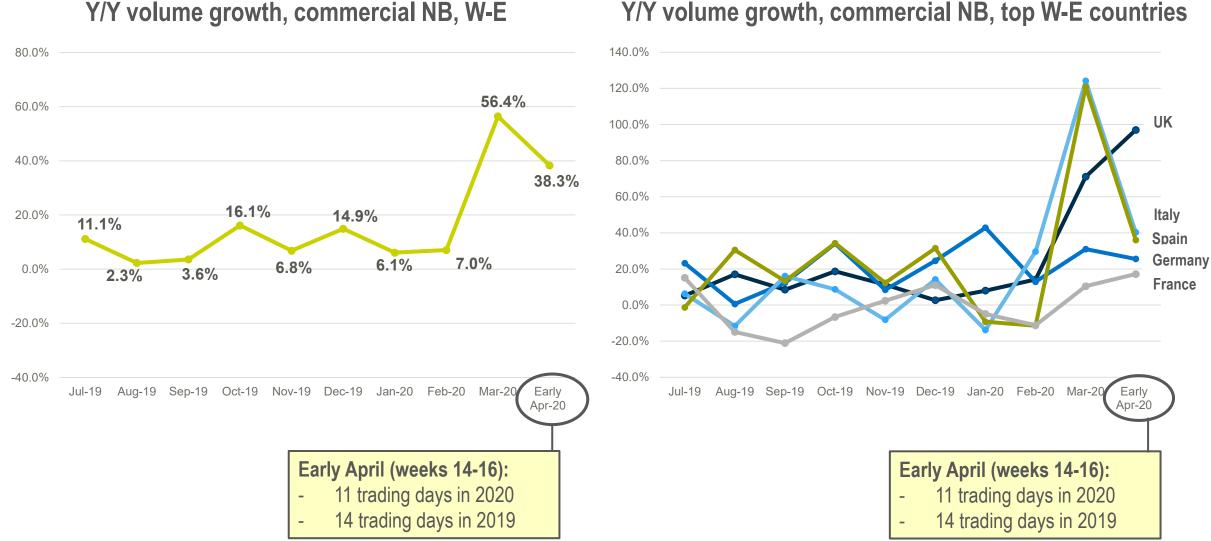


% Change in sales through IT Distribution in €: 4 Weeks to Week 16 (19/04/20) vs same period 2019



PCS: EARLY APRIL NB GROWTH SLOWS... BUT REACHES +38% DESPITE FEWER DAYS





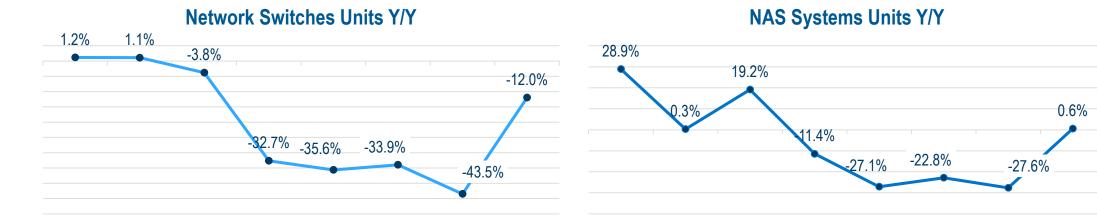
Y/Y volume growth, commercial NB, top W-E countries

Source CONTEXT SalesWatch © 2020 CONTEXT CONFIDENTIAL // Not to be reproduced or disseminated without permission // Data not adjusted for trading days // Revenue based on fixed FX rates

ENTERPRISE : RECOVERY IN SIGHT?



120.5%



W09-20 W10-20 W11-20 W12-20 W13-20 W14-20 W15-20 W16-20

W09-20 W10-20 W11-20 W12-20 W13-20 W14-20 W15-20 W16-20

Business Routers units Y/Y

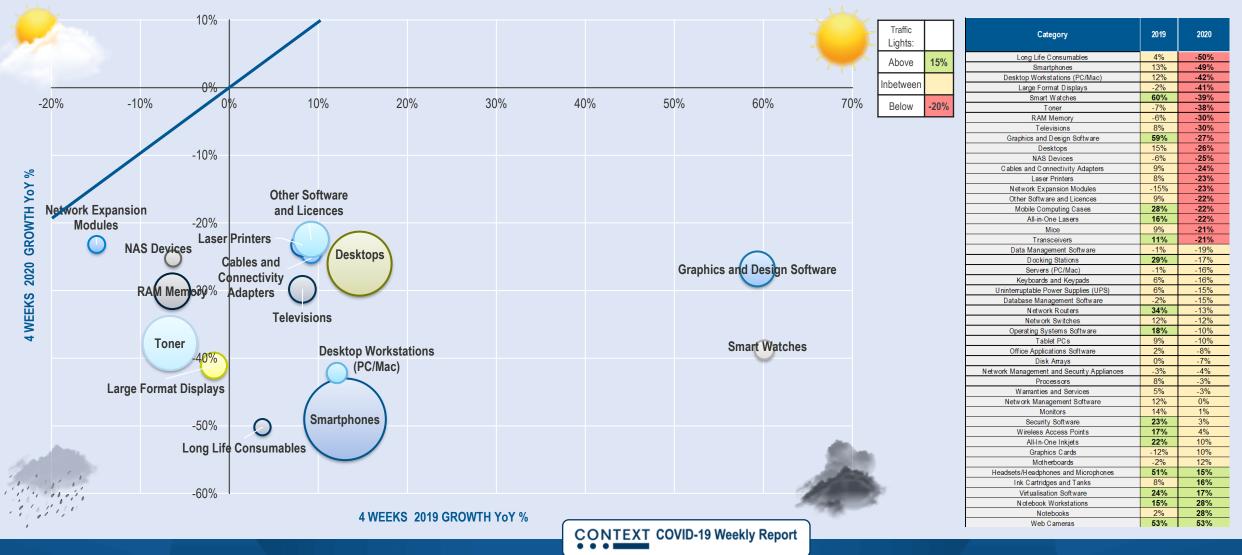


Server Units Y/Y

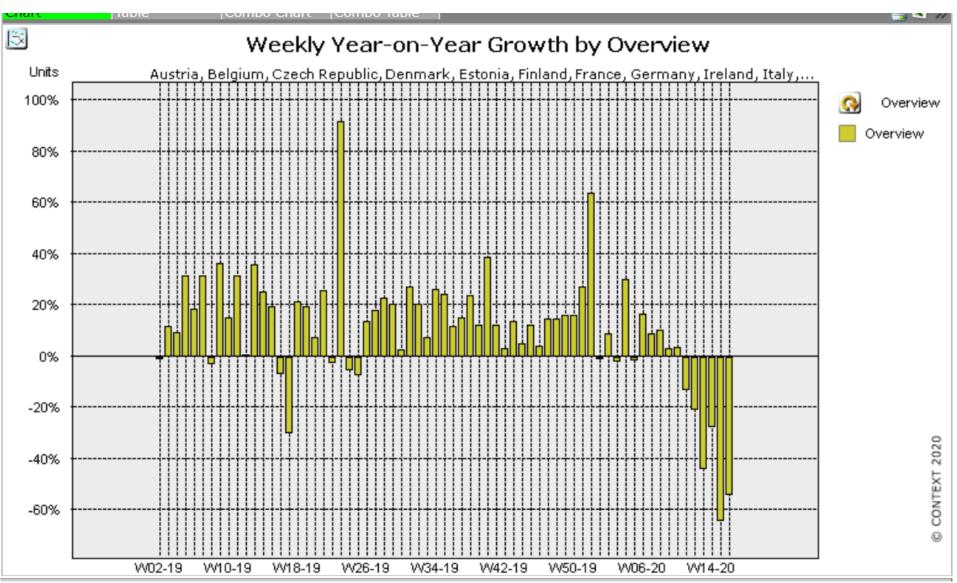
CATEGORY TRENDS: TOP 15 BY % REVENUE DECLINE



% Change in sales through IT Distribution in €: 4 Weeks to Week 16 (19/04/20) vs same period 2019



LFD - A SMALL POSITIVE INFLECTION IN WEEK 16



CONTEXT







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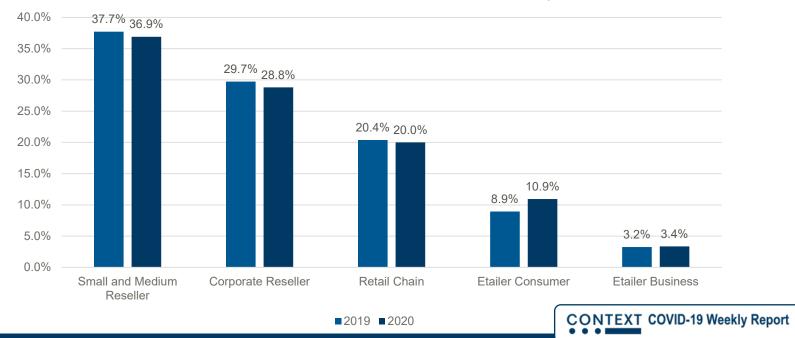
SMR AND CORPORATE RESELLER ARE EXPERIENCING THE DOWNTURN

		Week 16			Week 15			Week 14			
		СНА	CHANNEL GROWTH			CHANNEL GROWTH			CHANNEL GROWTH		
Business Sectors	Channel	WE	EE	Total	WE	EE	Total	WE	EE	Total	
Business Channels	Corporate Reseller	-11%	-19%	-12%	-9%	-24%	-10%	-3%	-19%	-5%	
	Small and Medium Reseller	-15%	-7%	-14%	-11%	-2%	-9%	0%	6%	1%	
	Etailer Business	-14%	-31%	-15%	-2%	-24%	-4%	9%	-15%	8%	
Retail Channels	Etailer Consumer	21%	1%	-18%	16%	0%	14%	16%	-6%	13%	
	Retail Chain	-23%	33%	-12%	-19%	30%	-9%	-9%	12%	-4%	

Above	15%				
Inbetween					
Below	-20%				

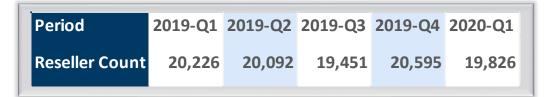
CONTEXT

Channel Share in Western and Eastern Europe



EVOLUTION OF THE ACTIVE RESELLERS IN ITALY- JANUARY 2019 TO MARCH 2020



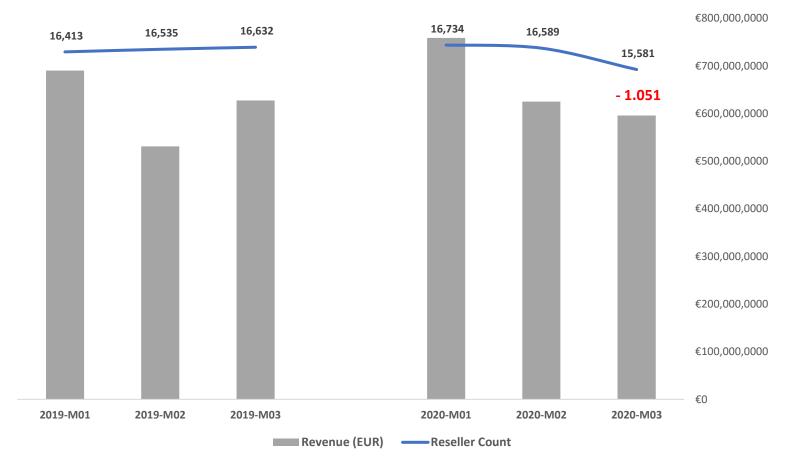






CONTEXT Management Report

ITALY: 19,826 ACTIVE RESELLERS IN Q1 2020, 400 LESS THAN IN Q1 19



RESELLER METRICS



CONTEXT

28

Count

11.025

1.338

615

388

306

128

38

Change

-1.088

72

39

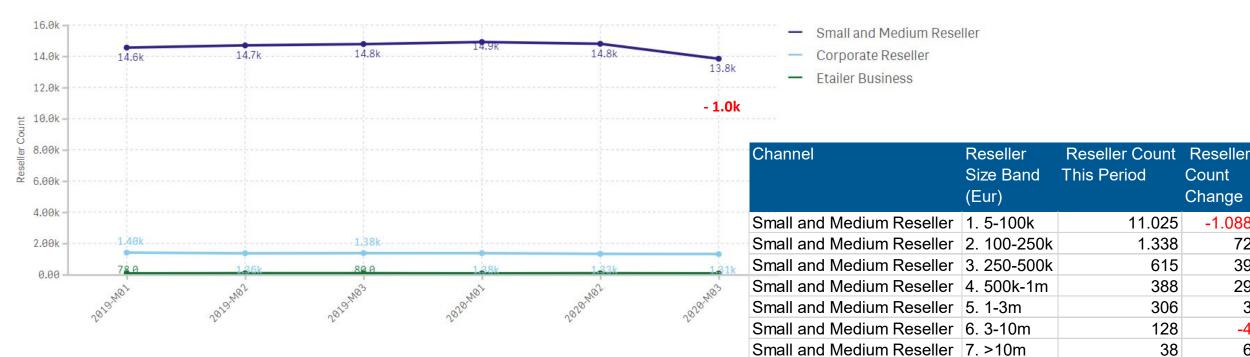
29

3

-4 6

ACTIVE RESELLERS IN SMR CHANNEL POSTED THE BIGGEST DECLINE IN MARCH 2020

RESELLER METRICS- B2B CHANNELS





Thank you!

ANY QUESTIONS?



Optimise today Accelerate tomorrow





For the Period: 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019

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Contents

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Back to Contents

Cover Contents Weekly Revenue Trend - Sum Weekly Revenue Trend WE Weekly Revenue Trend EE Weekly %YoY Trend - Sum Weekly %YoY Trend - WE Weekly %YoY Trend - EE **Top Growth Industry Top Decline Industry** Largest Industry **Top Growth Category Top Decline Category** Largest Category Channel Largest Industries Business

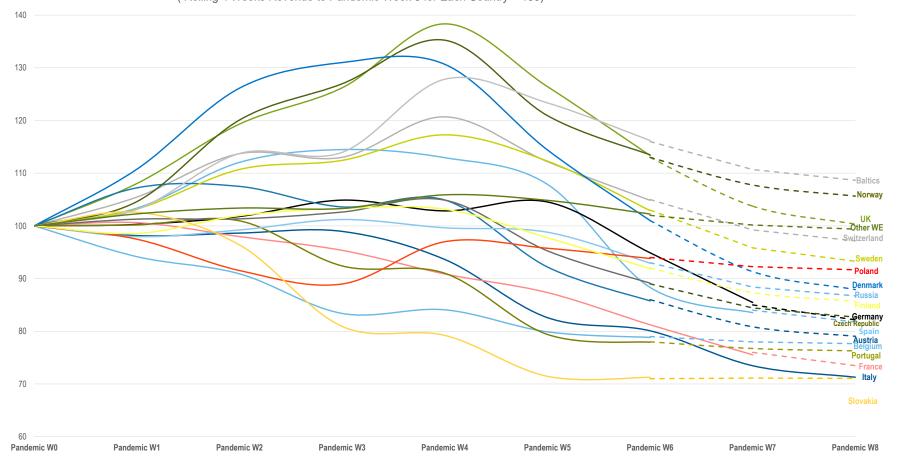
Weekly Revenue Trend - Sum

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Back to Contents

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

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

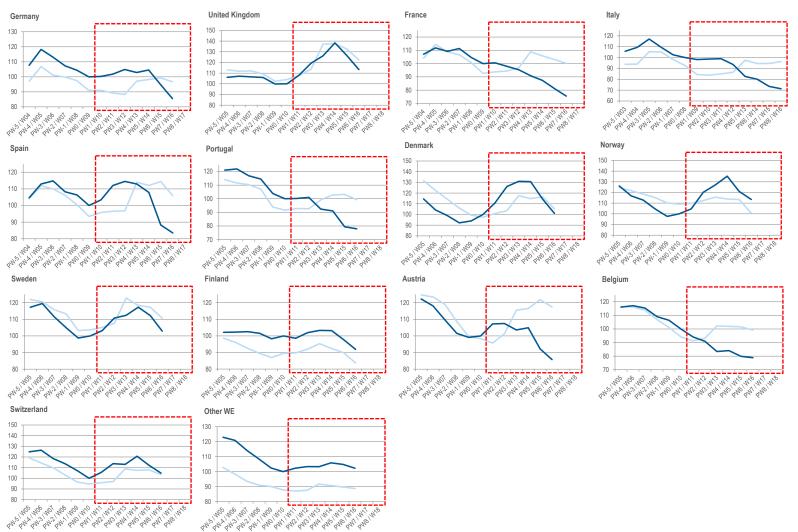


Weekly Revenue Trend WE

Back to Contents

Weekly Revenue Trend - Western Europe

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



2020

2019

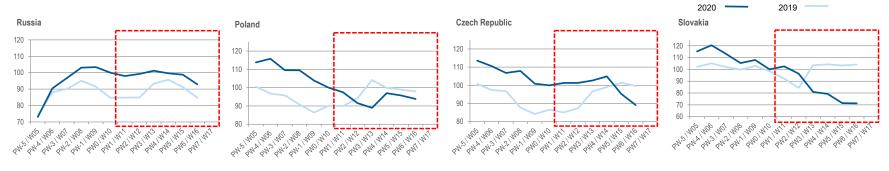
Weekly Revenue Trend EE

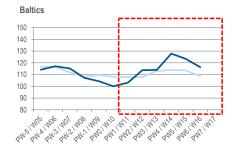
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Back to Contents

Weekly Revenue Trend - Eastern Europe

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





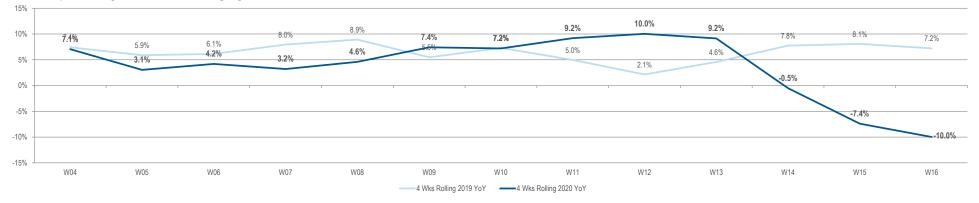
Weekly %YoY Trend - Sum

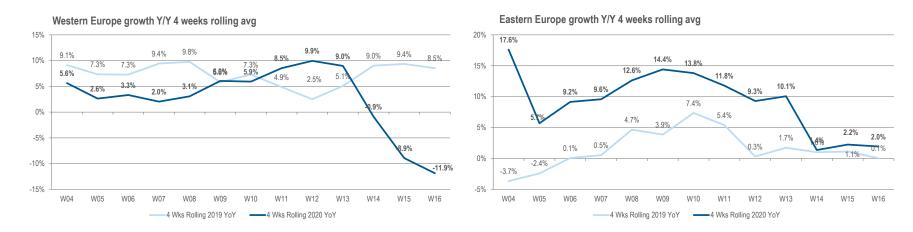
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Back to Contents

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







Weekly %YoY Trend - WE

Back to Contents

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

30%

20%

10%

0%

-10%

-20%

-30%

20%

15%

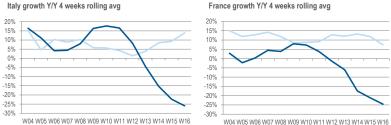
10%

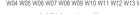
5%

0%

-5%

25%

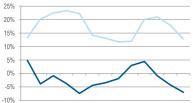




Germany growth Y/Y 4 weeks rolling avg



Sweden growth Y/Y 4 weeks rolling avg

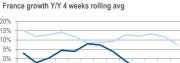


W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16







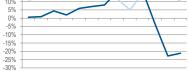


Austria growth Y/Y 4 weeks rolling avg





Spain growth Y/Y 4 weeks rolling avg



W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16 United Kingdom growth Y/Y 4 weeks rolling avg

12% 10% 8% 6% 4% 2% 0% -2% -4% -6% -8%

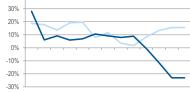
W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Norway growth Y/Y 4 weeks rolling avg



W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Portugal growth Y/Y 4 weeks rolling avg 40%

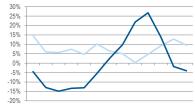


W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

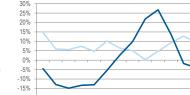
Belgium growth Y/Y 4 weeks rolling avg



Denmark growth Y/Y 4 weeks rolling avg



W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16



20% 15% 10% 5% 0% -5%

W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Finland growth Y/Y 4 weeks rolling avg

Other WE growth Y/Y 4 weeks rolling avg

W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Weekly %YoY Trend - EE

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Back to Contents

Weekly %YoY Trend - Eastern Europe

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

Poland growth Y/Y 4 weeks rolling avg

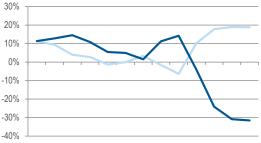


Czech Republic growth Y/Y 4 weeks rolling avg



W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16



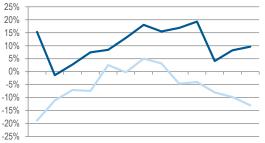


W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Baltics growth Y/Y 4 weeks rolling avg



Russia growth Y/Y 4 weeks rolling avg



W04 W05 W06 W07 W08 W09 W10 W11 W12 W13 W14 W15 W16

Top Growth Industry

Back to Contents

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

% Change in sales through IT Distribution in Euros

4 Weeks to Week 16 (April 19 2020) vs Same Period 2019

Sorted by top growth Industry sector and country size

				WESTERN EUROPE														EAS	TERN EUR	OPE		INDUST	RY SECTOR (SROWTH
Rank- W15	Rank- W16	Industry Sector	Germany	UK & Ireland	Italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
		Mobile Computing	4%	45%	26%	-4%	22%	-19%	9%	-3%	9%	7%	22%	19%	43%	11%	34%	40%	17%	34%	7%	18%	33%	20%
		Wireless Networking	9%	18%	-38%	-40%	-10%	-15%	23%	12%	65%	158%	36%	35%	35%	-28%	15%	185%	19%	-4%	-24%	2%	58%	7%
		Warranties and Services	-7%	-3%	3%	-8%	-7%	29%	-28%	-11%	-26%	19%	31%	-9%	8%	-1%	7%	67%	-2%	-28%	-37%	-4%	10%	-3%
		Audio-Video Systems	-12%	-4%	-39%	-36%	11%	6%	-44%	-7%	59%	70%	82%	20%	42%	2%	23%	15%	6%	2%	18%	-5%	16%	-4%
		Data Center Networking and Security	20%	-32%	-36%	29%	-13%	-25%	-21%	-41%	111%	54%	93%	-51%	-3%	7%	-24%	68%	59%	-54%	-43%	-5%	-14%	-6%
		Software and Licences	-5%	-27%	-6%	-16%	4%	18%	-26%	-23%	3%	28%	6%	15%	25%	-10%	-9%	13%	-14%	-4%	13%	-10%	-2%	-9%
		Computing Components	0%	-24%	-43%	-27%	-14%	-17%	-27%	-37%	-26%	49%	-17%	-50%	-29%	-25%	33%	11%	-5%	5%	-71%	-18%	20%	-10%
		Computing Accessories	-10%	-11%	-17%	-39%	9%	-10%	-13%	-11%	-8%	-6%	-25%	2%	-4%	-15%	-12%	1%	0%	8%	-36%	-12%	-6%	-12%
7	1	Other Networking Equipment	12%	-25%	-39%	-21%	-9%	-1%	-23%	-14%	-36%	-19%	-33%	44%	22%	-34%	-16%	6%	42%	23%	-53%	-13%	-9%	-13%
11	2	Networking Systems	-15%	-23%	-45%	-25%	-21%	8%	-10%	-25%	32%	105%	34%	5%	-6%	-36%	21%	52%	-14%	45%	-20%	-19%	23%	-13%
16	3	Server Computing	-36%	-10%	-24%	-12%	6%	1%	-33%	-38%	-30%	0%	-11%	-7%	38%	24%	8%	27%	-5%	-25%	-71%	-16%	1%	-14%
13	4	Disk Storage	-9%	-25%	-35%	-47%	-24%	16%	-22%	-45%	-5%	32%	23%	-43%	1%	-43%	78%	1%	-46%	-25%	-47%	-22%	30%	-14%
9	5	Printing Consumables	-12%	-29%	-23%	20%	-5%	-6%	-26%	-1%	-35%	-23%	42%	-15%	14%	-20%	-36%	-15%	-23%	-67%	-34%	-10%	-32%	-14%
10	6	Displays	-5%	-4%	-51%	-65%	6%	-33%	-26%	-36%	12%	2%	-31%	-22%	8%	-9%	-3%	-26%	-6%	19%	-59%	-19%	-11%	-18%
12	7	Power Equipment	-13%	-26%	-48%	-53%	-9%	-18%	-31%	-22%	-9%	10%	-25%	-31%	-22%	-41%	2%	-16%	-21%	-47%	-30%	-27%	-5%	-20%
19	8	Printing	-16%	-21%	-23%	-54%	-34%	-19%	-12%	-44%	-57%	-17%	-44%	-21%	-9%	-23%	-23%	15%	-26%	-18%	-5%	-25%	-16%	-23%
20	9	Smart Home and Office	-45%	3%	-77%	-90%	83%	1%	-67%	-93%	21%	-27%	-43%	291%	53%	50%	54%	-6%	359%	300%	74%	-29%	207%	-23%
14	10	Connectivity	-25%	-12%	-59%	-58%	18%	-17%	-39%	-53%	-20%	16%	-17%	-37%	-11%	-44%	77%	-5%	-28%	15%	-22%	-29%	26%	-24%
18	11	Desktop Computing	-29%	-7%	-63%	-57%	-22%	-30%	-42%	-38%	-54%	-10%	-31%	0%	-17%	-45%	12%	-23%	-26%	-16%	-42%	-34%	-2%	-28%
17	12	Unified Communications	-10%	-41%	-62%	-56%	-35%	-46%	-14%	-50%	41%	-35%	31%	-5%	-67%	-57%	1%	-49%	12%	-11%	-81%	-33%	-19%	-30%
22	13	Wearable Devices	-29%	-46%	-64%	-35%	-15%	-31%	-15%	-52%	6%	-7%	-50%	-73%	-5%	-69%	162%	-86%	-36%	-87%	-80%	-42%	-30%	-40%
21	14	Removable Storage	-38%	-33%	-70%	-63%	5%	76%	-65%	-58%	-50%	15%	-10%	-76%	-43%	-80%	14%	-53%	-60%	-15%	-69%	-46%	-35%	-44%
23	15	Telecommunications	-63%	-34%	-62%	-61%	-37%	-11%	-64%	-33%	-3%	-30%	25%	-84%	6%	-67%	30%	-62%	-28%	189%	-87%	-51%	-32%	-48%
24	16	Scanner Imaging	-45%	-14%	-51%	-48%	12%	-24%	-2%	-32%	-44%	346%	60%	-27%	-5%	-43%	-80%	-43%	-33%	20%	-24%	-35%	-75%	-49%
		Country Growth	-12%	-7%	-26%	-24%	2%	-7%	-27%	-21%	-4%	10%	13%	-22%	15%	-21%	12%	-4%	-10%	6%	-31%			



Back to Contents

Top Decline IT Industry Sectors and Countries in Western and Eastern Europe % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by fastest declining Industry sector and country size

Traffic Lights	
Above	15%
Inbetween	
Below	-20%

							WESTERN	EUROPE								EAS	STERN EUR	OPE		INDUST	RY SECTOR	GROWTH
ndustry Sector	Germany	UK & Ireland	Italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Scanner Imaging	-45%	-14%	-51%	-48%	12%	-24%	-2%	-32%	-44%	346%	60%	-27%	-5%	-43%	-80%	-43%	-33%	20%	-24%	-35%	-75%	-49%
Telecommunications	-63%	-34%	-62%	-61%	-37%	-11%	-64%	-33%	-3%	-30%	25%	-84%	6%	-67%	30%	-62%	-28%	189%	-87%	-51%	-32%	-48%
Removable Storage	-38%	-33%	-70%	-63%	5%	76%	-65%	-58%	-50%	15%	-10%	-76%	-43%	-80%	14%	-53%	-60%	-15%	-69%	-46%	-35%	-44%
Wearable Devices	-29%	-46%	-64%	-35%	-15%	-31%	-15%	-52%	6%	-7%	-50%	-73%	-5%	-69%	162%	-86%	-36%	-87%	-80%	-42%	-30%	-40%
Unified Communications	-10%	-41%	-62%	-56%	-35%	-46%	-14%	-50%	41%	-35%	31%	-5%	-67%	-57%	1%	-49%	12%	-11%	-81%	-33%	-19%	-30%
Desktop Computing	-29%	-7%	-63%	-57%	-22%	-30%	-42%	-38%	-54%	-10%	-31%	0%	-17%	-45%	12%	-23%	-26%	-16%	-42%	-34%	-2%	-28%
Connectivity	-25%	-12%	-59%	-58%	18%	-17%	-39%	-53%	-20%	16%	-17%	-37%	-11%	-44%	77%	-5%	-28%	15%	-22%	-29%	26%	-24%
Printing	-16%	-21%	-23%	-54%	-34%	-19%	-12%	-44%	-57%	-17%	-44%	-21%	-9%	-23%	-23%	15%	-26%	-18%	-5%	-25%	-16%	-23%
Smart Home and Office	-45%	3%	-77%	-90%	83%	1%	-67%	-93%	21%	-27%	-43%	291%	53%	50%	54%	-6%	359%	300%	74%	-29%	207%	-23%
Power Equipment	-13%	-26%	-48%	-53%	-9%	-18%	-31%	-22%	-9%	10%	-25%	-31%	-22%	-41%	2%	-16%	-21%	-47%	-30%	-27%	-5%	-20%
Displays	-5%	-4%	-51%	-65%	6%	-33%	-26%	-36%	12%	2%	-31%	-22%	8%	-9%	-3%	-26%	-6%	19%	-59%	-19%	-11%	-18%
Printing Consumables	-12%	-29%	-23%	20%	-5%	-6%	-26%	-1%	-35%	-23%	42%	-15%	14%	-20%	-36%	-15%	-23%	-67%	-34%	-10%	-32%	-14%
Disk Storage	-9%	-25%	-35%	-47%	-24%	16%	-22%	-45%	-5%	32%	23%	-43%	1%	-43%	78%	1%	-46%	-25%	-47%	-22%	30%	-14%
Server Computing	-36%	-10%	-24%	-12%	6%	1%	-33%	-38%	-30%	0%	-11%	-7%	38%	24%	8%	27%	-5%	-25%	-71%	-16%	1%	-14%
Networking Systems	-15%	-23%	-45%	-25%	-21%	8%	-10%	-25%	32%	105%	34%	5%	-6%	-36%	21%	52%	-14%	45%	-20%	-19%	23%	-13%
Other Networking Equipment	12%	-25%	-39%	-21%	-9%	-1%	-23%	-14%	-36%	-19%	-33%	44%	22%	-34%	-16%	6%	42%	23%	-53%	-13%	-9%	-13%
Computing Accessories	-10%	-11%	-17%	-39%	9%	-10%	-13%	-11%	-8%	-6%	-25%	2%	-4%	-15%	-12%	1%	0%	8%	-36%	-12%	-6%	-12%
Computing Components	0%	-24%	-43%	-27%	-14%	-17%	-27%	-37%	-26%	49%	-17%	-50%	-29%	-25%	33%	11%	-5%	5%	-71%	-18%	20%	-10%
Software and Licences	-5%	-27%	-6%	-16%	4%	18%	-26%	-23%	3%	28%	6%	15%	25%	-10%	-9%	13%	-14%	-4%	13%	-10%	-2%	-9%
Data Center Networking and Security	20%	-32%	-36%	29%	-13%	-25%	-21%	-41%	111%	54%	93%	-51%	-3%	7%	-24%	68%	59%	-54%	-43%	-5%	-14%	-6%
Audio-Video Systems	-12%	-4%	-39%	-36%	11%	6%	-44%	-7%	59%	70%	82%	20%	42%	2%	23%	15%	6%	2%	18%	-5%	16%	-4%
Warranties and Services	-7%	-3%	3%	-8%	-7%	29%	-28%	-11%	-26%	19%	31%	-9%	8%	-1%	7%	67%	-2%	-28%	-37%	-4%	10%	-3%
Wireless Networking	9%	18%	-38%	-40%	-10%	-15%	23%	12%	65%	158%	36%	35%	35%	-28%	15%	185%	19%	-4%	-24%	2%	58%	7%
Mobile Computing	4%	45%	26%	-4%	22%	-19%	9%	-3%	9%	7%	22%	19%	43%	11%	34%	40%	17%	34%	7%	18%	33%	20%
																						•
Country Growth	-12%	-7%	-26%	-24%	2%	-7%	-27%	-21%	-4%	10%	13%	-22%	15%	-21%	12%	-4%	-10%	6%	-31%			

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Back to Contents

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

4 Weeks to Week 16 (April 19 2020) vs Same Period 2019

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

							WESTERN	EUROPE								EAS	TERN EUR	OPE		IN	DUSTR	Y SECTOR (GROWTH
Industry Sector	Germany	UK & Ireland	Italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	V	VE	EE	Total
Mobile Computing	4%	45%	26%	-4%	22%	-19%	9%	-3%	9%	7%	22%	19%	43%	11%	34%	40%	17%	34%	7%	1	B%	33%	20%
Software and Licences	-5%	-27%	-6%	-16%	4%	18%	-26%	-23%	3%	28%	6%	15%	25%	-10%	-9%	13%	-14%	-4%	13%	-1	0%	-2%	-9%
Printing Consumables	-12%	-29%	-23%	20%	-5%	-6%	-26%	-1%	-35%	-23%	42%	-15%	14%	-20%	-36%	-15%	-23%	-67%	-34%	-1	0%	-32%	-14%
Telecommunications	-63%	-34%	-62%	-61%	-37%	-11%	-64%	-33%	-3%	-30%	25%	-84%	6%	-67%	30%	-62%	-28%	189%	-87%	-5	1%	-32%	-48%
Warranties and Services	-7%	-3%	3%	-8%	-7%	29%	-28%	-11%	-26%	19%	31%	-9%	8%	-1%	7%	67%	-2%	-28%	-37%	-	1%	10%	-3%
Disk Storage	-9%	-25%	-35%	-47%	-24%	16%	-22%	-45%	-5%	32%	23%	-43%	1%	-43%	78%	1%	-46%	-25%	-47%	-2	2%	30%	-14%
Displays	-5%	-4%	-51%	-65%	6%	-33%	-26%	-36%	12%	2%	-31%	-22%	8%	-9%	-3%	-26%	-6%	19%	-59%	-1	9%	-11%	-18%
Computing Components	0%	-24%	-43%	-27%	-14%	-17%	-27%	-37%	-26%	49%	-17%	-50%	-29%	-25%	33%	11%	-5%	5%	-71%	-1	8%	20%	-10%
Desktop Computing	-29%	-7%	-63%	-57%	-22%	-30%	-42%	-38%	-54%	-10%	-31%	0%	-17%	-45%	12%	-23%	-26%	-16%	-42%	-3	4%	-2%	-28%
Printing	-16%	-21%	-23%	-54%	-34%	-19%	-12%	-44%	-57%	-17%	-44%	-21%	-9%	-23%	-23%	15%	-26%	-18%	-5%	-2	5%	-16%	-23%
Networking Systems	-15%	-23%	-45%	-25%	-21%	8%	-10%	-25%	32%	105%	34%	5%	-6%	-36%	21%	52%	-14%	45%	-20%	-1	9%	23%	-13%
Computing Accessories	-10%	-11%	-17%	-39%	9%	-10%	-13%	-11%	-8%	-6%	-25%	2%	-4%	-15%	-12%	1%	0%	8%	-36%	-1	2%	-6%	-12%
Server Computing	-36%	-10%	-24%	-12%	6%	1%	-33%	-38%	-30%	0%	-11%	-7%	38%	24%	8%	27%	-5%	-25%	-71%	-1	6%	1%	-14%
Audio-Video Systems	-12%	-4%	-39%	-36%	11%	6%	-44%	-7%	59%	70%	82%	20%	42%	2%	23%	15%	6%	2%	18%	-	5%	16%	-4%
Data Center Networking and Security	20%	-32%	-36%	29%	-13%	-25%	-21%	-41%	111%	54%	93%	-51%	-3%	7%	-24%	68%	59%	-54%	-43%	-	5%	-14%	-6%
Wireless Networking	9%	18%	-38%	-40%	-10%	-15%	23%	12%	65%	158%	36%	35%	35%	-28%	15%	185%	19%	-4%	-24%	2	!%	58%	7%
Other Networking Equipment	12%	-25%	-39%	-21%	-9%	-1%	-23%	-14%	-36%	-19%	-33%	44%	22%	-34%	-16%	6%	42%	23%	-53%	-1	3%	-9%	-13%
Power Equipment	-13%	-26%	-48%	-53%	-9%	-18%	-31%	-22%	-9%	10%	-25%	-31%	-22%	-41%	2%	-16%	-21%	-47%	-30%	-2	7%	-5%	-20%
Wearable Devices	-29%	-46%	-64%	-35%	-15%	-31%	-15%	-52%	6%	-7%	-50%	-73%	-5%	-69%	162%	-86%	-36%	-87%	-80%	-4	2%	-30%	-40%
Connectivity	-25%	-12%	-59%	-58%	18%	-17%	-39%	-53%	-20%	16%	-17%	-37%	-11%	-44%	77%	-5%	-28%	15%	-22%	-2	9%	26%	-24%
Games Consoles	54%		58%	-29%	-1%	223%	174%	268%	9%	3%	-54%	124%	302%	94%	-43%	31%	76%	-48%	74%	5	6%	37%	48%
Electronics	-22%	-45%	-42%	-17%	82%	-52%	-67%	-57%	29%	81%	-77%	-78%	-39%	-76%	64%	-24%	-23%	-74%	-53%	-3	2%	20%	-21%
Smart Home and Office	-45%	3%	-77%	-90%	83%	1%	-67%	-93%	21%	-27%	-43%	291%	53%	50%	54%	-6%	359%	300%	74%	-2	9%	207%	-23%
Removable Storage	-38%	-33%	-70%	-63%	5%	76%	-65%	-58%	-50%	15%	-10%	-76%	-43%	-80%	14%	-53%	-60%	-15%	-69%	-4	6%	-35%	-44%
Terminals, Thin Clients and Points of Sales	-16%	13%	-62%	-49%	-17%	-31%	-24%	7%	28%	-76%	32%	140%	-21%	-26%	4%	153%	8%	-62%	-84%	-1	9%	32%	-14%
Unified Communications	-10%	-41%	-62%	-56%	-35%	-46%	-14%	-50%	41%	-35%	31%	-5%	-67%	-57%	1%	-49%	12%	-11%	-81%	-3	3%	-19%	-30%
Scanner Imaging	-45%	-14%	-51%	-48%	12%	-24%	-2%	-32%	-44%	346%	60%	-27%	-5%	-43%	-80%	-43%	-33%	20%	-24%	-3	5%	-75%	-49%
Tape Storage	-17%	-20%	-4%	-58%	-48%	-55%	-11%	-65%	-11%	-7%	-5%	26%	-9%	-56%	19%	228%	-76%	-72%	349%	-2	4%	2%	-22%
Security	14%	-65%	-68%	-76%	29%	-30%	-50%	-56%	-14%	20%	-74%	52%	-1%	-47%	-18%	-40%	-56%	61%	-34%	-4	3%	-26%	-40%
Photo and Video Cameras	-78%	-31%	-89%	-58%	-50%	-95%	-98%	-53%	-82%	-59%	-83%	-81%	-87%	-92%	-56%	-93%	-71%	1%	-78%	-7	1%	-79%	-75%

Traffic Lights	5:
Above	15%
Inbetween	
Below	-20%

INDUST	RY SECTOR (GROWTH
WE	EE	Total
18%	33%	20%
-10%	-2%	-9%
-10%	-32%	-14%
-51%	-32%	-48%
-4%	10%	-3%
-22%	30%	-14%
-19%	-11%	-18%
-18%	20%	-10%
-34%	-2%	-28%
-25%	-16%	-23%
-19%	23%	-13%
-12%	-6%	-12%
-16%	1%	-14%
-5%	16%	-4%
-5%	-14%	-6%
2%	58%	7%
-13%	-9%	-13%
-27%	-5%	-20%
-42%	-30%	-40%
-29%	26%	-24%
56%	37%	48%
-32%	20%	-21%
-29%	207%	-23%
-46%	-35%	-44%
-19%	32%	-14%
-33%	-19%	-30%
-35%	-75%	-49%
-24%	2%	-22%
-43%	-26%	-40%
-71%	-79%	-75%

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Back to Contents

Top Growth Categories in Western and Eastern Europe % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by top growth categories and country size

Traffic Lights	:
Above	15%
Inbetween	
Below	-20%

									WESTERN	EUROPE								EAS	TERN EUR	OPE		CA	TEGORY GRO	WTH
Rank- W15	Rank- W16	Category	Germany	UK & Ireland	italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
1	1	Smart Home Automation	17%	701%	6209%	-89%	56%	1803%	-65%	756%	1791%	405%			-27%	0%		-10%	332091%	11%	20%	265%	13593%	364%
3	2	Consoles Fixed	96%		323%	74%	1876%	3595%	3650%	0%	42%	11%	-100%	743%	-79%	-5%	180%	56%	199%	-95%	86%	172%	82%	108%
6	3	Games Software	-9%		100%	-85%	151%	-74%	-99%	0%	-18%	81%	1039%	-58%	20%	981%	53%	56%	111%	-90%	176%	75%	85%	79%
2	4	SAN Accessories	-70%	-87%	-39%	900%	-37%	-8%	-43%	45%	-104%	69%	613%	-99%	464%	-2%	25%	351%	-97%	-100%	530%	71%	-5%	64%
5	5	Wireless Adapters	26%	124%	-11%	21%	40%	26%	25%	-1%	-23%	46%	84%	131%	101%	41%	120%	144%	137%	7%	-36%	42%	114%	56%
4	6	Web Cameras	22%	-1%	164%	15%	313%	203%	74%	126%	25%	6%	2%	199%	178%	135%	63%	169%	69%	34%	14%	50%	81%	53%
27	7	Integrated Systems	87%	96%	29%	-43%	23%	784%	-90%	-22%	-80%	-71%	-74%	1584%	361%	808%	-15%	54%	438%	-37%	-100%	55%	-13%	51%
9	8	Notebooks	14%	64%	29%	-6%	28%	-14%	15%	8%	7%	10%	29%	23%	58%	16%	38%	47%	21%	24%	11%	26%	37%	28%
12	9	Notebook Workstations	40%	84%	9%	24%	44%	-20%	30%	31%	86%	-2%	-14%	29%	42%	-43%	-10%	-39%	-27%	-11%	31%	34%	-24%	28%
14	10	Games Accessories	47%		-28%	-34%	-20%	110%	-7%	267%	8%	-5%	-50%	8%	327%	151%	-44%	-1%	2%	-53%	73%	38%	-2%	25%
13	11	Powerline Devices	32%	44%	-18%	-5%	28%	76%	-27%	6%	101%	21%	25%	215%	108%	-23%	25%	-54%	184%	13%	-59%	23%	-11%	21%
7	12	Virtualisation Software	14%	13%	47%	21%	45%	34%	94%	80%	13%	51%	-16%	35%	-3%	35%	-25%	79%	26%	-14%	-40%	20%	-7%	17%
10	13	Wireless LAN Controllers	-35%	-13%	-29%	-37%	6%	-58%	24%	81%	16%	65%	1947%	-52%	-80%	-39%	8%	1569%	-63%	-69%	312%	-26%	452%	17%
15	14	Ink Cartridges and Tanks	9%	0%	4%	64%	26%	-19%	-18%	33%	0%	-19%	96%	11%	36%	7%	-27%	30%	-13%	-56%	-19%	19%	-11%	16%
18	15	Inkjet Printers	17%	6%	48%	-9%	-16%	-17%	-55%	-37%	-59%	-44%	18%	64%	81%	85%	-25%	23%	-48%	-36%	-30%	21%	-17%	16%
11	16	Headsets/Headphones and Microphones	4%	22%	-31%	-15%	53%	43%	-35%	-10%	64%	87%	77%	33%	49%	44%	30%	65%	32%	20%	60%	13%	39%	15%
42	17	Graphics Cards	15%	29%	-37%	-44%	-6%	25%	-23%	-1%	14%	42%	-78%	-34%	48%	-33%	51%	19%	27%	93%	-68%	4%	32%	10%
16	18	All-In-One Inkjets	-6%	10%	7%	10%	-1%	4%	13%	-30%	-8%	27%	-33%	135%	90%	40%	-41%	83%	-32%	24%	-42%	10%	7%	10%
26	19	Developer Tools Software	-25%	-21%	0%	52%	-17%	9%	-25%	-19%	-1%	-64%	68%	173%	8%	79%	-66%	13%	-56%	33%	-18%	5%	-14%	4%
30	20	Wireless Access Points	10%	15%	-40%	-43%	-12%	-15%	23%	8%	72%	168%	29%	35%	55%	-32%	3%	100%	12%	-3%	-28%	2%	28%	4%
19	21	Security Software	18%	-29%	5%	21%	14%	106%	61%	-14%	17%	70%	-10%	-27%	48%	-10%	-15%	146%	48%	137%	269%	2%	39%	3%
21	22	Telephony and Conference Systems	32%	-25%	-35%	-45%	30%	227%	151%	218%	239%	40%	114%	-20%	21%	4%	-61%	-39%	135%	119%	-26%	16%	-52%	3%
39	23	E-Readers	-51%	135%	-62%	-46%	172%	-27%	-91%		-40%	219%	83%	-101%	86%	59%	-29%	8%	110%	11%	322%	3%	-6%	2%
17	24	Monitors	6%	42%	-39%	-48%	21%	6%	-15%	-25%	-16%	3%	-24%	-1%	23%	-1%	-8%	3%	17%	13%	-54%	2%	-2%	1%
20	25	Network Management Software	19%	-17%	37%	-16%	2%	61%	-28%	1%	-19%	35%	-4%	79%	17%	18%	-37%	68%	35%	-73%	3%	3%	-23%	0%
8	26	SAN Switches and Directors	242%	-68%	-78%	-76%	15%	-94%	-88%	-58%	-27%	-17%	-31%	-24%	623%	70%	-74%	84%	81%	-51%	-5%	18%	-52%	-1%
29	27	Warranties and Services	-7%	-3%	3%	-8%	-7%	29%	-28%	-11%	-26%	19%	31%	-9%	8%	-1%	7%	67%	-2%	-28%	-37%	-4%	10%	-3%
45	28	Processors	11%	-14%	-46%	6%	-5%	-26%	-12%	-20%	-5%	73%	4%	-56%	-39%	14%	31%	-2%	-10%	-51%	-82%	-9%	15%	-3%
23	29	Telephony Accessories	-20%	-29%	-6%	164%	6%	-91%	-78%	30%	-92%	-91%	470%	-71%	190%	-60%	-49%	-13%	202%	43%	2638%	-3%	-17%	-4%
31	30	Network Management and Security Appliances	6%	-22%	-21%	-54%	-18%	48%	35%	-44%	217%	-15%	111%	-42%	29%	11%	4%	136%	139%	-59%	-51%	-5%	13%	-4%
47	31	Desktop Thin Clients	-18%	1%	2%	-42%	-17%	-25%	-40%	259%	-4%	-76%	48%	1274%	11%	-10%	-39%	163%	-12%	1674%	-77%	-7%	8%	-5%
22	32	LTO/Ultrium Media	-4%	73%	-19%	-45%	-64%	-27%	-36%	-45%	-37%	-30%	-1%	-17%	-28%	-13%	8%	88%	-45%	-18%	77%	-7%	1%	-6%
NA	33	Disk Arrays	48%	-5%	-1%	-71%	6%	102%	20%	-50%	0%	161%	-33%	-67%	22%	-55%	111%	60%	-74%	-54%	133%	-12%	44%	-7%
32	34	Office Applications Software	-27%	-11%	-9%	-26%	-17%	8%	-41%	-43%	7%	18%	20%	18%	51%	41%	18%	3%	-28%	3%	-16%	-9%	2%	-8%
35	35	Digital Media Players	-31%	19%	-64%	-30%	-8%	-4%	-14%	108%	136%	89%	101%	25%	32%	-18%	14%	-45%	2%	42%	-70%	-8%	-20%	-8%
44	36	Mobile Computing Accessories and Parts	-2%	-10%	-38%	-16%	0%	-60%	-5%	2%	18%	17%	25%	-48%	12%	-29%	44%	-11%	16%	171%	-79%	-10%	5%	-10%
37	37	Tablet PCs	-20%	-17%	20%	-1%	-4%	-37%	-16%	-44%	-5%	-9%	0%	-7%	5%	-4%	-6%	-2%	5%	248%	-39%	-11%	4%	-10%
41	38	Operating Systems Software	-22%	-11%	-15%	-33%	0%	119%	-19%	-21%	-42%	18%	89%	-3%	35%	-53%	43%	-16%	-29%	37%	-53%	-13%	10%	-10%
43	39	Project Management Software	-31%	-24%	-55%	87%	69%	-42%	-44%	-83%	16%	-40%	-80%	121%	-51%	85%	0%	217%	9%	-14%	711%	-19%	267%	-11%
46	40	Network Switches	-10%	-21%	-52%	-28%	-28%	5%	-7%	-24%	15%	114%	29%	-38%	-12%	-38%	37%	66%	-27%	63%	39%	-19%	38%	-13%
NA	41	Smart Lighting and Electricals	-55%	-43%	-101%	-71%	141%	-3%	-63%	29%	223%	0%	55%	158%	-86%	-34%	69%	-65%	369%	141%	156%	-14%	9%	-13%
49	42	Network Routers	-23%	-31%	-27%	-4%	11%	19%	-22%	-37%	188%	39%	47%	283%	6%	-35%	6%	26%	15%	15%	-48%	-19%	5%	-13%
33	43	Database Management Software	-12%	5%	7%	-47%	6%	-3%	-56%	-37%	-32%	23%	-4%	-5%	-13%	-25%	111%	-17%	-71%	-54%	-91%	-13%	-31%	-15%
38	44	Uninterruptable Power Supplies (UPS)	-15%	-3%	-60%	-60%	-24%	-18%	-37%	-17%	-40%	-20%	33%	-43%	-12%	-48%	7%	-16%	-8%	-25%	-4%	-27%	3%	-15%
28	45	Keyboards and Keypads	-20%	-6%	-45%	-50%	59%	-17%	-23%	-27%	-11%	41%	-35%	-2%	14%	-44%	-37%	-23%	-4%	7%	-26%	-14%	-27%	-16%
NA	46	Servers (PC/Mac)	-38%	-27%	-39%	14%	-7%	6%	-37%	-43%	-1%	25%	8%	-32%	22%	-15%	10%	32%	-28%	-31%	-48%	-22%	5%	-16%
24	47	Docking Stations	-10%	-18%	-12%	-36%	0%	-22%	-21%	24%	-17%	-35%	-14%	37%	-39%	-16%	-14%	3%	-10%	-27%	-15%	-17%	-9%	-17%
50	48	Wired Network Adapters	4%	-49%	-36%	54%	-27%	38%	-44%	-41%	-9%	-3%	-45%	-32%	-29%	-33%	6%	-25%	4%	84%	3%	-20%	2%	-17%
40	49	Landline Telephones	-22%	-11%	-43%	-79%	-15%	-27%	67%	-40%	-38%	0%	-29%	-85%	-35%	-33%	122%	-28%	-4%	-50%	-52%	-23%	34%	-18%
NA	50	Data Management Software	19%	-50%	-22%	-27%	-15%	-22%	-38%	-21%	95%	106%	26%	35%	66%	-23%	-52%	82%	21%	11%	391%	-19%	-10%	-19%

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Back to Contents

Top Decline Categories and Countries in Western and Eastern Europe % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by fastes declining categories and country size

							WESTERN	EUROPE								EAS	STERN EUR	OPE			CATE	EGORY GRO	rwo
Category	Germany	UK & Ireland	Italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia		WE	EE	
Standalone GPS Devices	-100%	-92%	-79%	-100%	-59%	-63%	-100%	-90%	-44%		-78%	-91%	-62%	-98%	-72%	-80%	-94%	-88%	-24%	-4	89%	-91%	
Smartphone Screen Protectors	-60%	-85%	-98%	-90%	64%		368%	-101%		-2%	-16%	-96%	-48%	-106%	-95%	-89%	-48%	-74%	-46%	-4	87%	-72%	
Digital Cameras	-77%	22%	-95%	-45%	-56%	-92%	-97%	-31%	-93%	-67%	110%	-81%	-27%	-93%	-57%	-94%	-73%	121%	-77%		74%	-81%	
Portable Speakers	-75%	-59%	-60%	-93%	-80%	-88%	-100%	-69%	-83%	-27%	976%	-75%	82%	-89%	-23%	-84%	-54%	-80%	-42%	- 2	75%	-50%	
Camera/Camcorder Accessories	-86%	-53%	-80%	-93%	-53%	-97%	-98%	-81%	-77%	-42%	-98%	-86%	-89%	-87%	-35%	-92%	-66%	-69%	-81%	-	69%	-76%	
Dye Sublimation Printers	-91%	-55%	-86%	-64%	28%	-95%	-94%	-61%	88%	-62%	31%	146%	-53%	-94%	-57%	-84%	-87%	-82%	-100%	- 2	70%	-81%	
Portable Power Banks	-75%	-83%	-89%	-85%	-41%	-30%	-89%	-96%	-97%	-96%	-71%	-32%	-93%	-15%	-28%	-78%	-80%	-52%	-41%	- 2	76%	-52%	
Presentation Devices	-79%	-64%	-99%	-96%	-33%	-91%	-75%	-28%	-61%	-48%	-127%	-77%	-62%	-74%	-52%	-71%	-84%	-83%	-44%	-	69%	-64%	
3D Printers	-44%	-92%	-54%	-100%	220%	-106%	-78%		-100%		-100%	-100%	-100%	-96%	-100%	5%	-90%	-63%	103%	-	67%	-79%	
Copier-based MFPs	-18%	-67%	-83%	-83%	-62%	-29%	-28%	-59%	-93%	-20%	-78%	-71%	-91%	-93%	-36%	-82%	-31%	-93%	-75%		70%	-40%	1
Privacy Screens	-50%	-79%	-79%	-57%	-45%	-37%	-66%	-66%	-6%	-59%	-53%	-94%	-58%	-73%		-75%		-64%	-96%	-	65%	-70%	
Large Format/Plotter Printers	-51%	-85%	-85%	-79%	-37%	-39%	-43%	-51%	-75%	-4%	-41%	-88%	-66%	-97%	-4%	-38%	-59%	-92%	6%	-	69%	-28%	
Projectors	-62%	-64%	-72%	-82%	-45%	-29%	-53%	-66%	-79%	-19%	-66%	-73%	-22%	-79%	162%	-63%	-40%	-60%	-54%	-	65%	-36%	ſ
Smartphone/Tablet Chargers	-21%	-70%	-76%	-79%	-50%	-63%	-91%	-88%	-56%	-42%	-83%	-43%	-27%	-58%	3%	-61%	-57%	-54%	-80%	-	62%	-42%	ſ
Printer Accessories and Parts	-31%	-62%	-83%	-72%	-54%	-9%	-36%	-86%	-69%	-37%	-44%	-92%	-52%	-90%	-14%	-74%	-57%	-10%	-63%	-	61%	-23%	
Memory Cards	-68%	-37%	-77%	-76%	-3%	89%	-86%	-67%	-26%	79%	92%	-76%	-43%	-88%	8%	-77%	-65%	-27%	-71%		56%	-45%	
Home Sound Systems	-75%	-75%	-64%	-18%	62%	-66%	-5%	-46%	92%	159%	-69%	-16%	5%	-94%	-90%	75%	-50%	51%	-87%	-	60%	-15%	F
Smart Speakers	-49%	-14%	-88%	-90%	4%	-52%	-59%	-98%	-69%	-100%		-45%		54%		-32%	-101%	-59%	-69%	-	51%	-93%	t
Displays Accessories	-26%	-57%	-40%	-80%	-18%	-7%	-47%	-37%	-21%	-23%	-29%	-41%	-61%	-50%	-86%	-49%	-28%	-45%	-51%	-	50%	-64%	┢
Long Life Consumables	-44%	-63%	-62%	-64%	-46%	-16%	-40%	-49%	-62%	-31%	-48%	-50%	-33%	-61%	-38%	-56%	-33%	-63%	-21%	-	53%	-40%	
Smartphone Protective Cases	-71%	-76%	-96%	-95%	-25%	-31%	-93%	-89%	-86%	-22%	-65%	-89%	-60%	-96%	1590%	-66%	-13%	-58%			83%	407%	
Smartphones	-65%	-33%	-61%	-58%	-44%	-12%	-65%	-33%	-1%	-32%	23%	-84%	9%	-67%	22%	-63%	-28%	208%	-88%		51%	-36%	┢
Mobile Phones	-89%	-25%	-64%	-63%	37%	-56%	-86%	-15%	-27%	29%	182%	-84%	-76%	-51%	-42%	-86%	-30%	-14%	-17%		49%	-47%	
Scanners	-45%	-14%	-51%	-49%	13%	-22%	0%	-32%	-43%	348%	60%	-21%	-2%	-43%	-80%	-47%	-22%	20%	-31%		35%	-75%	
Partner Rebates, Warehousing and Logistics	-20%	-45%	-91%	-61%	-60%	-75%	-17%	10%	65%	70%	-10%	-7%	-8%	-7%	651%	31%	-86%	34%	0%		55%	104%	H
Smart Bands and Activity Trackers	-91%	-48%	-79%	-68%	-30%	45%	-81%	468%	118%	581%	-100%	-56%	-48%	-71%	241%	-69%	-51%	-92%	-22%		54%	65%	
Tape Drives	-46%	-69%	8%	-78%	-30%	-75%	-10%	-84%	-54%	82%	-86%	-8%	5%	-82%	96%	682%	-89%	-79%	917%		52%	5%	\vdash
Server Accessories	-80%	-62%	-30%	-32%	237%	-29%	-58%	-24%	20%	17%	-61%	-80%	-66%	-10%	30%	-41%	-67%	-56%	-86%		49%	-8%	
Desktop Workstations (PC/Mac)	-27%	-49%	-55%	-57%	-36%	-67%	-52%	-53%	-31%	-25%	-77%	-59%	-34%	-61%	4%	-3%	-30%	-74%	-56%		47%	-11%	╞
Servers (Unix)	-45%	-18%	294%	-59%	5%	-99%	75%	-47%	-13%		-100%	19%	-77%	-52%	-61%	29%	1105%	0%	-94%		42%	-42%	┢
Large Format Displays	-18%	-45%	-43%	-85%	-31%	-15%	-55%	-33%	-31%	-37%	-30%	-94%	-27%	-74%	-3%	-44%	34%	-59%	-67%		43%	-17%	┢
Server Enclosure	48%	-37%	-44%	-93%	-83%	44%	-96%	397%	1208%	-97%	2961%	-92%	-76%	-60%	-6%	-36%	-53%	-56%	-95%		46%	-19%	
Label/Barcode/Receipt Printers	-26%	3%	-78%	-41%	-31%	12%	-31%	-58%	-64%	-4%	-68%	-63%	-38%	-65%	26%	-45%	-23%	-10%	-66%		47%	-5%	⊢
PC Speakers	-42%	-62%	-46%	-77%	12%	-36%	-68%	24%	118%	79%	60%	7%	-18%	-66%	32%	-43%	-45%	-37%	-78%		42%	-33%	
Smart Watches	-43%	-29%	-63%	-49%	6%	-8%	-11%	-51%	3%	-8%	-48%	-76%	27%	-67%	80%	-90%	-25%	-86%	-82%		37%	-54%	
Network Chassis	-35%	-73%	-65%	-28%	-80%	-89%	-60%	-01%	-82%	111%	741%	-98%	600%	-21%	16%	-91%	-86%	-00%	0270		45%	5%	t
Disk Drives	-35%	-43%	-63%	-28 %	52%	-05%	-70%	-52%	-02 /0	16%	-56%	-69%	-43%	-43%	-8%	-51%	-38%	7%	-76%		43%	-12%	
Toner	-25%	-54%	-48%	-45%	-17%	4%	-35%	-47%	-49%	-30%	-7%	-43%	-18%	-45%	-38%	-39%	-30%	-74%	-64%		37%	-40%	
USB Memory	-23%	-34 %	-40 %	-43%	-17 %	94%	-68%	-47%	-45%	-30 %	-76%	-43%	-49%	-43%	-36 %	-53%	-50 %	-74%	-67%		38%	-40 %	F
IP Cameras	-12 %	-65%	-69%	-52 %	33%	-30%	-50%	-42 %	-15%	-8 %	-75%	55%	-43 %	-47%	55%	-45%	-56%	-3 % 64%	-29%		43%	-33 %	f
Storage Controllers	-52%	-51%	-65%	-53%	-46%	-30 %	-34%	-56%	-47%	-19%	-65%	-57%	-51%	-66%	217%	-45 %	-34%	-18%	-25%		43 % 53%	119%	
	-52% -54%	-51%	-65%	-53%	-46%	-01%	-34%	-56%	-47%	-19%	-50%	-57%	-51%	-00%	-55%	-36%	-34%	-16%	-15%		33%	-45%	
Office Supplies and Furniture Network Accessories	-54% 4%	-19%	-44%	-57% -61%	-23%	-16%	-66%	-67%	-39%	6%	-3%	30%	33%	-76%	-55%	-29%	-10%	-36%	-67%		29%	-45%	
Labelling Tapes	4% -24%	-47% -63%	-44% -63%	-61% -69%	9% 9%	28% 71%	-44%	-32%	-43% -55%	6% 124%	-3% 185%	-53%	33% 70%	-76% -49%	-55% -6%	-51% 2%	-48% -50%	-22%	-75% -56%		29% 34%	-55% -28%	
Labelling Tapes MP3/MP4 Players	-24% -50%	-63% -18%	-63% -79%	-69% -23%	9% -13%	-81%	-44% -90%	-16%	-55%	-57%	-100%	-53%	-33%	-49% -88%	-6%	-55%	-50%	-6%	-56%		34% 33%	-28% -51%	
	-50% -3%	-18%	-79%	-23% -43%		-81% -78%	-90% 444%	-60%	12% 68%		-100%	-80%		-88% -54%	-26% 917%	-55% -100%	-48%		-82% -97%		33% 47%	-51% 284%	
Points of Sales					-1%					-100%			-79%					-100%					f
VOIP Systems	-13%	-41%	-64%	-59%	-35%	-43%	-12%	-48%	41%	-36%	36%	-1%	-67%	-56%	6%	-47%	19%	-8%	-82%		34%	-16%	
RAM Memory	-22%	-46%	-44%	-56%	-25%	-42%	-43%	-49%	-57%	19%	-20%	-50%	-41%	-59%	38%	21%	-37%	59%	-62%		39%	24%	
Televisions	-44%	-1%	-64%	-74%	42%	-98%	-4%	-48%	578%	91%	-81%	-16%	74%	135%	89%	-51%	-39%	64%	-73%		31%	-26%	4
Graphics and Design Software	-23%	-59%	-15%	-16%	5%	74%	-49%	-29%	-27%	-28%	-67%	-3%	-15%	-32%	-13%	-21%	-3%	-8%	-36%		27%	-19%	

Fraffic Lights	:
Above	15%
nbetween	
Below	-20%

GROWTH

Total -89% -85% -78% -73% -71% -71% -69% -68% -67% -66% -65% -64% -61% -60% -55% -54% -53% -52% -51% -50% -50% -49% -49% -49% -48% -45% -44% -44%

-42%

-42% -41% -41% -40% -40% -39% -39% -38% -38% -37% -36% -36% -35% -34% -33% -33% -32% -31% -30% -30% -27%

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Back to Contents

Largest Categories and Countries in Western and Eastern Europe % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by Jarget industry sector and Jarget country.

							WESTERN	EUROPE								EAS	TERN EUR	OPE		CAT	EGORY GRO	оwтн
Category	Germany	UK & Ireland	Italy	France	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Tota
Notebooks	14%	64%	29%	-6%	28%	-14%	15%	8%	7%	10%	29%	23%	58%	16%	38%	47%	21%	24%	11%	26%	37%	28%
Smartphones	-65%	-33%	-61%	-58%	-44%	-12%	-65%	-33%	-1%	-32%	23%	-84%	9%	-67%	22%	-63%	-28%	208%	-88%	-51%	-36%	-49%
Warranties and Services	-7%	-3%	3%	-8%	-7%	29%	-28%	-11%	-26%	19%	31%	-9%	8%	-1%	7%	67%	-2%	-28%	-37%	-4%	10%	-3%
Ink Cartridges and Tanks	9%	0%	4%	64%	26%	-19%	-18%	33%	0%	-19%	96%	11%	36%	7%	-27%	30%	-13%	-56%	-19%	19%	-11%	16%
Desktops	-30%	1%	-64%	-57%	-19%	-22%	-41%	-36%	-56%	-7%	-17%	10%	-16%	-44%	13%	-25%	-25%	-8%	-40%	-32%	-1%	-26%
Tablet PCs	-20%	-17%	20%	-1%	-4%	-37%	-16%	-44%	-5%	-9%	0%	-7%	5%	-4%	-6%	-2%	5%	248%	-39%	-11%	4%	-10%
Toner	-25%	-54%	-48%	-45%	-17%	4%	-35%	-47%	-49%	-30%	-7%	-43%	-18%	-45%	-38%	-39%	-30%	-74%	-64%	-37%	-40%	-38%
Monitors	6%	42%	-39%	-48%	21%	6%	-15%	-25%	-16%	3%	-24%	-1%	23%	-1%	-8%	3%	17%	13%	-54%	2%	-2%	1%
Security Software	18%	-29%	5%	21%	14%	106%	61%	-14%	17%	70%	-10%	-27%	48%	-10%	-15%	146%	48%	137%	269%	2%	39%	3%
Data Management Software	19%	-50%	-22%	-27%	-15%	-22%	-38%	-21%	95%	106%	26%	35%	66%	-23%	-52%	82%	21%	11%	391%	-19%	-10%	-19%
Solid State Drives (SSDs)	-10%	-28%	-35%	-18%	-15%	26%	-34%	-54%	-16%	44%	76%	-32%	63%	-13%	158%	4%	-46%	-4%	-51%	-14%	51%	-3%
Office Applications Software	-27%	-11%	-9%	-26%	-17%	8%	-41%	-43%	7%	18%	20%	18%	51%	41%	18%	3%	-28%	3%	-16%	-9%	2%	-8%
Processors	11%	-14%	-46%	6%	-5%	-26%	-12%	-20%	-5%	73%	4%	-56%	-39%	14%	31%	-2%	-10%	-51%	-82%	-9%	15%	-3%
Network Switches	-10%	-21%	-52%	-28%	-28%	5%	-7%	-24%	15%	114%	29%	-38%	-12%	-38%	37%	66%	-27%	63%	39%	-19%	38%	-139
Operating Systems Software	-22%	-11%	-15%	-33%	0%	119%	-19%	-21%	-42%	18%	89%	-3%	35%	-53%	43%	-16%	-29%	37%	-53%	-13%	10%	-10%
Hard Disk Drives (HDDs)	-31%	-45%	-60%	-44%	-46%	-31%	-45%	-35%	22%	-23%	20%	-46%	-38%	-59%	38%	-8%	-35%	-44%	-65%	-40%	16%	-28%
Servers (PC/Mac)	-38%	-27%	-39%	14%	-7%	6%	-37%	-43%	-1%	25%	8%	-32%	22%	-15%	10%	32%	-28%	-31%	-48%	-22%	5%	-16%
Headsets/Headphones and Microphones	4%	22%	-31%	-15%	53%	43%	-35%	-10%	64%	87%	77%	33%	49%	44%	30%	65%	32%	20%	60%	13%	39%	15%
RAM Memory	-22%	-46%	-44%	-56%	-25%	-42%	-43%	-49%	-57%	19%	-20%	-50%	-41%	-59%	38%	21%	-37%	59%	-62%	-39%	24%	-30%
Graphics and Design Software	-23%	-59%	-15%	-16%	5%	74%	-49%	-29%	-27%	-28%	-67%	-3%	-15%	-32%	-13%	-21%	-3%	-8%	-36%	-27%	-19%	-27%
Disk Arrays	48%	-5%	-1%	-71%	6%	102%	20%	-50%	0%	161%	-33%	-67%	22%	-55%	111%	60%	-74%	-54%	133%	-12%	44%	-7%
All-in-One Lasers	-9%	-37%	8%	-52%	-48%	-20%	2%	-40%	-64%	-22%	-39%	-35%	-39%	-34%	-23%	-9%	-11%	-37%	79%	-23%	-19%	-22%
All-In-One Inkjets	-5 %	10%	7%	10%	-1%	4%	13%	-30%	-8%	27%	-33%	135%	90%	40%	-41%	83%	-32%	24%	-42%	10%	-13%	10%
Virtualisation Software	-0 %	13%	47%	21%	45%	34%	94%	80%	13%	51%	-16%	35%	-3%	35%	-25%	79%	26%	-14%	-40%	20%	-7%	17%
Network Management and Security Appliances	6%	-22%	-21%	-54%	-18%	48%	35%	-44%	217%	-15%	111%	-42%	29%	11%	4%	136%	139%	-59%	-51%	-5%	13%	-4%
Wireless Access Points	10%	15%	-40%	-43%	-12%	-15%	23%	8%	72%	168%	29%	35%	55%	-32%	3%	100%	12%	-3%	-28%	2%	28%	4%
Network Routers	-23%	-31%	-27%	-4%	11%	19%	-22%	-37%	188%	39%	47%	283%	6%	-35%	6%	26%	15%	15%	-48%	-19%	5%	-13%
Network Management Software	19%	-17%	37%	-16%	2%	61%	-28%	1%	-19%	35%	-4%	79%	17%	18%	-37%	68%	35%	-73%	3%	-13%	-23%	0%
Large Format Displays	-18%	-45%	-43%	-85%	-31%	-15%	-55%	-33%	-31%	-37%	-30%	-94%	-27%	-74%	-3%	-44%	34%	-59%	-67%	-43%	-17%	-41%
Televisions	-44%	-1%	-64%	-74%	42%	-98%	-4%	-48%	578%	91%	-81%	-16%	74%	135%	89%	-51%	-39%	64%	-73%	-31%	-26%	-30%
Graphics Cards	15%	29%	-37%	-44%	-6%	25%	-23%	-1%	14%	42%	-78%	-34%	48%	-33%	51%	19%	27%	93%	-68%	4%	32%	10%
Database Management Software	-12%	5%	-31 %	-47%	6%	-3%	-56%	-37%	-32%	23%	-4%	-5%	-13%	-25%	111%	-17%	-71%	-54%	-00%	-13%	-31%	-15%
Docking Stations	-10%	-18%	-12%	-36%	0%	-22%	-30%	24%	-17%	-35%	-14%	37%	-39%	-16%	-14%	3%	-10%	-27%	-15%	-17%	-9%	-17%
Notebook Workstations	40%	84%	9%	24%	44%	-20%	30%	31%	86%	-2%	-14%	29%	42%	-43%	-10%	-39%	-27%	-11%	31%	34%	-24%	28%
Laser Printers	-28%	-13%	7%	-61%	-30%	-20 %	11%	-42%	-41%	-27%	-14%	-28%	-31%	-43 %	-27%	-35 %	-21 %	31%	-51%	-24%	-24 %	-23%
Desktop Workstations (PC/Mac)	-20%	-49%	-55%	-57%	-36%	-23 %	-52%		-31%	-27%	-21%	-28 %	-34%	-61%	-21%	-14%	-30%	-74%	-51%	-24 %	-11%	-42%
Uninterruptable Power Supplies (UPS)	-27%	-49%	-55% -60%	-60%	-36%	-67%	-52%	-53%	-31%	-25%	-77%	-59%	-34%	-61%	4% 7%	-3% -16%	-30%	-74%	-36%	-47%	-11%	-427
Transceivers	-10%	-34%	-37%	-37%	-24 %	-16%	-12%	-17%	-40 %	-20%	-40%	-43 %	18%	-40 %	-5%	55%	-8%	41%	-49%	-21%	5 % 6%	-219
Smart Watches	-10%	-34%		-37%		-14%	-12%		-51%	-21%		-21%	27%		-5% 80%	-90%	-25%	-86%	-49%	-24%	-54%	-217
			-63%		6%			-51%		- //	-48%			-67%								-
Cables and Connectivity Adapters	-26%	-10%	-63%	-59%	10%	-19%	-39%	-53%	-10%	19%	-22%	-39%	-10%	-41%	103%	-3%	-31%	28%	-29%	-30%	31%	-25%
Keyboards and Keypads	-20%	-6%	-45%	-50%	59%	-17%	-23%	-27%	-11%	41%	-35%	-2%	14%	-44%	-37%	-23%	-4%	7%	-26%	-14%	-27%	-16%
Integrated Systems	87%	96%	29%	-43%	23%	784%	-90%	-22%	-80%	-71%	-74%	1584%	361%	808%	-15%	54%	438%	-37%	-100%	55%	-13%	51%
Long Life Consumables	-44%	-63%	-62%	-64%	-46%	-16%	-40%	-49%	-62%	-31%	-48%	-50%	-33%	-61%	-38%	-56%	-33%	-63%	-21%	-53%	-40%	-50%
Mice	-27%	5%	-33%	-53%	-29%	-33%	-32%	-37%	-18%	16%	-29%	29%	-11%	7%	-33%	-10%	16%	19%	-48%	-22%	-18%	-219
Projectors	-62%	-64%	-72%	-82%	-45%	-29%	-53%	-66%	-79%	-19%	-66%	-73%	-22%	-79%	162%	-63%	-40%	-60%	-54%	-65%	-36%	-61%
Mobile Computing Cases	-22%	-8%	-29%	-45%	-34%	-16%	-15%	-35%	13%	-26%	-54%	-46%	-11%	-18%	-27%	-31%	-7%	-21%	-26%	-22%	-23%	-22%
Network Expansion Modules	-6%	-26%	-48%	-22%	7%	7%	-34%	-25%	111%	221%	-52%	-85%	-75%	-22%	-17%	10%	2%	214%	-94%	-25%	-13%	-23%
NAS Devices	-5%	-43%	-54%	-18%	-16%	19%	-12%	-22%	-59%	-16%	-69%	-39%	-12%	-56%	6%	-56%	-38%	17%	-37%	-25%	-27%	-25%
Scanners	-45%	-14%	-51%	-49%	13%	-22%	0%	-32%	-43%	348%	60%	-21%	-2%	-43%	-80%	-47%	-22%	20%	-31%	-35%	-75%	-49%
Developer Tools Software	-25%	-21%	0%	52%	-17%	9%	-25%	-19%	-1%	-64%	68%	173%	8%	79%	-66%	13%	-56%	33%	-18%	5%	-14%	4%

Traffic Lights	:
Above	15%
Inbetween	
Below	-20%

28% -49% -3% 16% -26% -10% -38% 1% 3% -19% -3% -8% -3% -13% -10% -28% -16% 15% -30% -27% -7% -22% 10% 17% -4% 4% -13% 0% -41% -30% 10% -15% -17% 28% -23% -42% -15% -21% -39% -25% -16% 51% -50% -21% -61% -22% -23% -25% -49% 4%

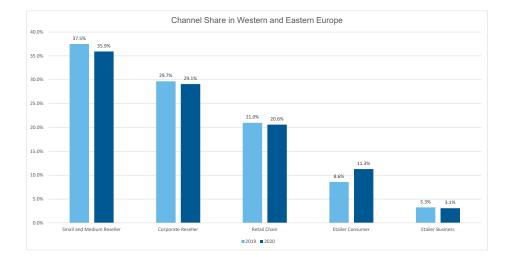
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Back to Contents

Channel Performance in Western and Eastern Europe % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by largest country

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

	WESTERN EUROPE												EAS	TERN EUR	CHA	NNEL GRO	WTH						
Business Sectors	Channel	Germany	UK & Ireland	Italy	France	Spain	Switzerland	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Business Channels	Corporate Reseller	-10%	-4%	-13%	-30%	-10%	-20%	-8%	-30%	-27%	-19%	-1%	-4%	-44%	5%	-21%	6%	-18%	-41%	-22%	-11%	-19%	-12%
	Small and Medium Reseller	-13%	-16%	-28%	-30%	-24%	1%	2%	-19%	-25%	-12%	10%	13%	-6%	5%	-1%	-7%	-23%	9%	-33%	-15%	-7%	-14%
	Etailer Business	-10%	-3%	-20%	-31%	-37%	-34%	-17%	-36%	20%	1%	-6%	18%	-48%	-33%	-26%	2%	-50%	-37%	-38%	-14%	-31%	-15%
Retail Channels	Etailer Consumer	15%	17%	-1%	7%	22%	36%	13%	13%	56%	64%	45%	91%	11%	50%	-1%	3%	-18%	70%	-37%	21%	1%	-18%
	Retail Chain	-28%	-22%	-40%	-12%	-43%	4%	-13%	-37%	-7%	36%	19%	-2%	-30%	33%	83%	-5%	20%	47%	-33%	-23%	33%	-12%



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Back to Contents

Largest Industries in Business Channel % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by largest industries and country size in Business Channel

	WESTERN EUROPE													EAS	TERN EUR	INDUSTRY SECTOR GROWTH						
Industry Sector	Germany	UK & Ireland	Italy	France	Switzerlan d	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Mobile Computing	-6%	57%	56%	-4%	8%	-23%	41%	10%	-1%	-2%	9%	10%	32%	15%	0%	32%	-7%	12%	7%	20%	9%	18%
Software and Licences	-5%	-30%	-7%	-18%	0%	15%	-30%	-26%	-5%	23%	1%	14%	19%	-14%	-47%	6%	-19%	-19%	18%	-12%	-21%	-13%
Printing Consumables	-15%	-46%	-40%	-21%	-11%	-9%	-27%	-11%	-33%	-24%	22%	-40%	-10%	-26%	-37%	-26%	-33%	-70%	-45%	-25%	-36%	-27%
Telecommunications	-35%	1%	-66%	-57%	19%	-4%	-69%	-63%	-1%	-16%	48%	-77%	85%	-67%	-48%	-57%	-57%	311%	-63%	-33%	-47%	-35%
Warranties and Services	-7%	-4%	2%	-8%	-2%	30%	-25%	-14%	-29%	18%	27%	-29%	2%	-3%	7%	71%	-3%	-32%	-38%	-5%	9%	-4%
Disk Storage	-10%	-24%	-29%	-51%	-19%	22%	-21%	-46%	-15%	26%	7%	-52%	2%	-41%	52%	9%	-46%	-51%	-54%	-23%	17%	-18%
Displays	-19%	-31%	-53%	-72%	-17%	-19%	-50%	-43%	-33%	-29%	-31%	-22%	-12%	-41%	-27%	-33%	-15%	-27%	-59%	-36%	-28%	-34%
Computing Components	-26%	-34%	-45%	-31%	-28%	-51%	-44%	-42%	-50%	-6%	-28%	-55%	-46%	-53%	30%	-27%	-39%	-13%	-65%	-35%	8%	-28%
Desktop Computing	-33%	-9%	-61%	-61%	-30%	-35%	-42%	-37%	-64%	-43%	-46%	16%	-29%	-44%	-3%	-31%	-40%	-38%	-52%	-37%	-17%	-34%
Printing	-31%	-28%	-47%	-71%	-48%	-26%	-39%	-60%	-74%	-36%	-54%	-53%	-52%	-51%	-49%	-34%	-21%	-51%	-2%	-44%	-43%	-44%
Networking Systems	-15%	-23%	-43%	-42%	-35%	-8%	-17%	-30%	17%	106%	-19%	-2%	-19%	-40%	-1%	28%	-31%	31%	9%	-24%	3%	-21%
Computing Accessories	-6%	-15%	-9%	-38%	14%	-12%	-14%	-9%	-17%	-16%	-19%	-2%	-14%	-13%	-29%	-6%	-22%	1%	-34%	-13%	-20%	-14%
Server Computing	-37%	-11%	-25%	-16%	-1%	-27%	-35%	-40%	-36%	-25%	-24%	-19%	38%	23%	-11%	19%	-24%	-37%	-73%	-19%	-15%	-19%
Audio-Video Systems	7%	27%	-26%	-38%	19%	4%	-41%	-22%	16%	94%	60%	139%	23%	74%	17%	-8%	-6%	-7%	-17%	8%	3%	8%
Data Center Networking and Security	20%	-30%	-39%	28%	-16%	-33%	-44%	-45%	112%	-4%	93%	-50%	6%	6%	-29%	33%	61%	-58%	-48%	-5%	-22%	-7%
Wireless Networking	-18%	15%	-50%	-50%	-22%	-18%	25%	8%	102%	160%	40%	-4%	-14%	-39%	-5%	192%	-17%	-17%	-19%	-12%	45%	-8%
Other Networking Equipment	7%	-30%	-39%	-29%	-18%	-6%	-26%	-17%	-39%	-26%	-36%	14%	8%	-32%	-21%	-7%	35%	11%	-55%	-19%	-16%	-19%
Power Equipment	-19%	-23%	-46%	-49%	-12%	-29%	-41%	-23%	-17%	-2%	-30%	-29%	-25%	-34%	-9%	-26%	-21%	-58%	-18%	-28%	-14%	-23%
Wearable Devices	54%	-16%	-64%	29%	41%	-41%	465%	-76%	23%	-46%	-79%	-94%	-92%	-71%	47%	-88%	-48%	-70%	-66%	-29%	-58%	-34%
Connectivity	-19%	-9%	-49%	-57%	7%	-29%	-38%	-52%	-25%	20%	-19%	-26%	-7%	-36%	86%	7%	-35%	4%	-20%	-27%	34%	-21%
Games Consoles	73%		31%	-81%	406%	54%	-70%	-44%	182%	6%	-44%	-10%	1665%	33%	-77%	-44%	172%	-31%	78%	43%	4%	26%
Electronics	-37%	-29%	-15%	-13%	290%	-53%	-52%	-48%	31%	93%	-75%	-73%	-29%	-63%	55%	-24%	-8%	-61%	-69%	-21%	24%	-9%
Smart Home and Office	-88%	1%	-77%	-89%	118%	25%	-84%	-100%	-60%	-100%	175%	1012%	-18%	585%	377%	-41%	579%	74%	31%	-24%	344%	-3%
Removable Storage	-54%	-24%	-72%	-76%	20%	65%	-57%	-60%	-50%	-20%	-64%	-73%	-46%	-66%	-25%	-42%	-55%	-18%	-70%	-48%	-41%	-47%
Terminals, Thin Clients and Points of Sales	-23%	13%	-62%	-50%	-43%	-38%	-36%	6%	1%	-81%	34%	141%	-24%	-25%	-35%	121%	-17%	-93%	-84%	-25%	-3%	-22%
Unified Communications	-12%	-49%	-65%	-57%	-38%	-48%	-15%	-50%	42%	35%	30%	-5%	-68%	-51%	-5%	-67%	19%	-35%	-82%	-39%	-30%	-37%
Scanner Imaging	-57%	-13%	-54%	-50%	-5%	-30%	-11%	-51%	-53%	295%	69%	-34%	-39%	-56%	-87%	-68%	-56%	4%	-38%	-45%	-84%	-61%
Tape Storage	-21%	-18%	-4%	-59%	-55%	-56%	-11%	-67%	-10%	-5%	-37%	19%	-6%	-60%	19%	231%	-78%	-87%	340%	-28%	-2%	-25%
Security	30%	-59%	-64%	-64%	41%	-4%	-51%	-43%	21%	-55%	-30%	119%	17%	-10%	-22%	-46%	-64%	-11%	-65%	-22%	-33%	-25%
Photo and Video Cameras	-56%	-44%	-87%	-90%	-61%	-66%	-98%	-33%	-79%	-64%	-21%	-88%	-79%	-71%	-56%	-92%	-61%	-76%	-70%	-75%	-76%	-76%



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Back to Contents

Largest Industries in Consumer Channel % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by largest industries and country size in Consumer Channel

		WESTERN EUROPE													EAS	TERN EUR	INDUST	INDUSTRY SECTOR GROWTH				
Industry Sector	Germany	UK & Ireland	Italy	France	Switzerlan d	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Mobile Computing	16%	19%	-8%	-4%	37%	-6%	-21%	-29%	41%	25%	79%	27%	55%	9%	71%	46%	41%	56%	7%	14%	55%	23%
Software and Licences	-4%	111%	37%	180%	62%	675%	257%	96%	498%	166%	388%	39%	373%	270%	169%	58%	44%	793%	-57%	91%	128%	103%
Printing Consumables	4%	3%	20%	80%	8%	23%	-23%	19%	-40%	-21%	93%	23%	107%	-8%	-34%	54%	5%	-59%	-17%	27%	-12%	22%
Telecommunications	-69%	-50%	-60%	-62%	-56%	-17%	-62%	10%	-6%	-35%	-6%	-85%	-21%	-67%	71%	-64%	-13%	42%	-92%	-54%	-33%	-51%
Warranties and Services	0%	281%	143%	174%	-63%	11%	-83%	133%	79%	66%	1566%	16384%	322%	583%	71%	1%	30%	1595%	324%	41%	1059%	123%
Disk Storage	-4%	-35%	-73%	-1%	-35%	-1%	-29%	-34%	79%	45%	60%	-12%	0%	-49%	132%	-10%	-47%	79%	-30%	20%	24%	21%
Displays	15%	65%	-49%	-20%	61%	-56%	62%	-11%	260%	74%	-33%	-23%	95%	40%	44%	-20%	6%	87%	-57%	-17%	19%	-7%
Computing Components	86%	37%	-31%	-9%	52%	26%	63%	88%	119%	119%	0%	-38%	88%	3%	38%	50%	31%	44%	-81%	-7%	26%	0%
Desktop Computing	-22%	5%	-72%	-19%	-5%	-7%	-44%	-39%	23%	108%	19%	-44%	19%	-46%	42%	2%	14%	125%	26%	11%	14%	12%
Printing	14%	-2%	26%	44%	-12%	16%	50%	1%	21%	46%	15%	127%	72%	24%	42%	78%	-29%	17%	-17%	22%	32%	24%
Networking Systems	-14%	-32%	-61%	165%	55%	250%	43%	42%	149%	98%	240%	146%	131%	5%	85%	126%	43%	80%	-39%	9%	75%	23%
Computing Accessories	-17%	11%	-36%	-43%	4%	-3%	-9%	-25%	54%	16%	-44%	7%	15%	-19%	18%	10%	38%	22%	-42%	-11%	18%	-7%
Server Computing	15%	51%	142%	823%	126%	2710%	48%	48%	229%	583%	2856%	3404%	49%	210%	1035%	264%	1056%	1885%	868%	158%	845%	291%
Audio-Video Systems	-28%	-26%	-48%	-34%	6%	9%	-46%	23%	235%	52%	134%	-25%	53%	-29%	27%	32%	13%	7%	33%	-16%	25%	-13%
Data Center Networking and Security	12%	-71%	69%	136%	18%	392%	1791%	135%	76%	2346%	1%	-69%	-90%	114%	75%	1064%	5%	4660%	1044%	-1%	150%	14%
Wireless Networking	53%	27%	31%	37%	36%	-3%	14%	42%	11%	153%	-33%	318%	235%	0%	64%	164%	122%	42%	-38%	48%	91%	52%
Other Networking Equipment	28%	32%	-30%	2%	22%	153%	7%	3%	51%	106%	83%	242%	102%	-42%	71%	112%	89%	135%	-26%	20%	83%	24%
Power Equipment	18%	-44%	-71%	-67%	-2%	32%	18%	-16%	30%	67%	29%	-39%	13%	-57%	40%	12%	-24%	-7%	-59%	-22%	26%	-3%
Wearable Devices	-49%	-52%	-64%	-58%	-30%	-26%	-55%	-7%	5%	8%	304%	-61%	24%	-68%	194%	-85%	-28%	-89%	-87%	-45%	-15%	-43%
Connectivity	-46%	-27%	-80%	-60%	32%	32%	-42%	-64%	12%	7%	18%	-51%	-19%	-57%	34%	-28%	-8%	66%	-30%	-36%	-2%	-33%
Games Consoles	52%		80%	-17%	-21%	277%	211%	1923%	-10%	3%	-59%	185%	212%	123%	-33%	49%	63%	-52%	57%	59%	45%	53%
Electronics	155%	-63%	-78%	-32%	-33%	-36%	-96%	-89%	-79%	-46%	-96%	-88%	-65%	-94%	190%	-21%	-61%	-82%	3%	-56%	-1%	-49%
Smart Home and Office	-36%	3%	-77%	-90%	66%	0%	-60%	22%	76%	-27%	-54%	-21%	61%	-59%	-8%	41%	-54%	576%	193%	-30%	2%	-30%
Removable Storage	-27%	-37%	-66%	-43%	-6%	127%	-81%	-52%	-51%	71%	77%	-79%	-36%	-88%	39%	-58%	-63%	-13%	-67%	-44%	-31%	-41%
Terminals, Thin Clients and Points of Sales	604%	-10%	-96%	1050%	380%	4811%	394%	145%		1597%	-30%	87%	44%	-38%	520%	1707%	776%	788500%		224%	638%	322%

Traffic Lights: Above 15% Inbetween Below -20%

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Back to Contents

Top categories in Business Channel % Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019 Sorted by largest categories and country size in Business Channel

Traffic Lights:										
Above	15%									
Inbetween										
Below	-20%									

	WESTERN EUROPE EASTERN EURO											ROPE		INDUSTRY SECTOR GRO		RGROWTH						
Category	Germany	UK & Ireland	Italy	France	Switzerlan d	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Notebooks	7%	79%	59%	-4%	18%	-17%	58%	22%	-1%	0%	11%	14%	42%	27%	2%	42%	-8%	7%	12%	31%	12%	28%
Smartphones	-41%	4%	-67%	-56%	38%	-7%	-73%	-68%	-1%	-18%	46%	-77%	107%	-68%	-52%	-59%	-58%	347%	-65%	-35%	-49%	-37%
Warranties and Services	-7%	-4%	2%	-8%	-2%	30%	-25%	-14%	-29%	18%	27%	-29%	2%	-3%	7%	71%	-3%	-32%	-38%	-5%	9%	-4%
Ink Cartridges and Tanks	8%	-18%	-19%	22%	35%	-27%	-16%	39%	85%	-23%	84%	-20%	7%	4%	-30%	22%	-38%	-65%	-22%	2%	-16%	0%
Desktops	-32%	-1%	-62%	-59%	-29%	-26%	-38%	-33%	-65%	-41%	-34%	33%	-29%	-43%	-1%	-34%	-40%	-32%	-51%	-35%	-16%	-32%
Tablet PCs	-38%	-14%	54%	-11%	-26%	-40%	-14%	-43%	-14%	-7%	13%	-27%	-6%	-16%	-21%	-5%	6%	138%	-59%	-17%	-6%	-17%
Toner	-26%	-56%	-52%	-47%	-20%	3%	-35%	-46%	-50%	-29%	-9%	-47%	-35%	-48%	-38%	-46%	-32%	-72%	-66%	-40%	-42%	-40%
Monitors	-10%	13%	-57%	-62%	-9%	-12%	-44%	-39%	-34%	-24%	-19%	-17%	2%	-25%	-33%	-16%	-3%	-31%	-59%	-20%	-26%	-21%
Security Software	20%	-31%	3%	20%	3%	95%	48%	-17%	8%	72%	-11%	-26%	46%	-10%	11%	151%	31%	100%	296%	1%	62%	2%
Data Management Software	18%	-51%	-22%	-34%	-16%	-23%	-40%	-24%	88%	98%	22%	27%	61%	-23%	-233%	80%	24%	-32%	387%	-22%	-115%	-28%
Solid State Drives (SSDs)	-5%	-30%	-20%	-19%	-8%	31%	-36%	-56%	-25%	29%	73%	-50%	51%	-5%	175%	19%	-48%	-42%	-57%	-14%	67%	-3%
Office Applications Software	-26%	-15%	-7%	-27%	-18%	7%	-43%	-49%	-4%	16%	17%	16%	35%	40%	15%	-5%	-29%	1%	-16%	-11%	-3%	-10%
Processors	-23%	-24%	-48%	20%	-21%	-62%	-38%	-29%	-49%	9%	-37%	-59%	-54%	-54%	36%	-32%	-44%	-59%	-73%	-30%	10%	-22%
Network Switches	-13%	-18%	-52%	-47%	-39%	-4%	-14%	-25%	5%	120%	-21%	-43%	-15%	-38%	18%	35%	-36%	22%	25%	-24%	17%	-20%
Operating Systems Software	-24%	-11%	-15%	-36%	-3%	113%	-25%	-26%	-45%	14%	83%	-4%	24%	-63%	33%	-34%	-42%	35%	-54%	-16%	-2%	-15%
Hard Disk Drives (HDDs)	-43%	-46%	-58%	-52%	-45%	-38%	-47%	-32%	13%	-37%	-35%	-30%	-41%	-60%	-18%	-10%	-22%	-61%	-68%	-45%	-21%	-41%
Servers (PC/Mac)	-40%	-28%	-41%	7%	-15%	-33%	-40%	-45%	-13%	-8%	-2%	-47%	22%	-17%	-9%	24%	-32%	-43%	-52%	-26%	-10%	-22%
Headsets/Headphones and Microphones	18%	64%	-23%	-19%	44%	36%	-15%	-10%	32%	119%	63%	192%	29%	105%	21%	0%	18%	3%	38%	26%	15%	25%
RAM Memory	-33%	-49%	-45%	-58%	-35%	-56%	-50%	-52%	-61%	-15%	-16%	-55%	-48%	-66%	14%	-27%	-45%	52%	-63%	-45%	-1%	-40%
Graphics and Design Software	-24%	-59%	-15%	-16%	3%	74%	-49%	-30%	-42%	-34%	-73%	-3%	-17%	-32%	-10%	-21%	6%	-37%	-36%	-28%	-18%	-27%
Disk Arrays	47%	-5%	0%	-71%	17%	102%	19%	-50%	-12%	155%	-35%	-78%	22%	-55%	63%	57%	-74%	-55%	60%	-12%	22%	-10%
All-in-One Lasers	-25%	-46%	-16%	-73%	-54%	-28%	-23%	-47%	-77%	-28%	-50%	-44%	-49%	-56%	-55%	-27%	-11%	-42%	93%	-41%	-46%	-42%
All-In-One Inkiets	-11%	28%	-6%	-15%	-12%	18%	-20%	-72%	-31%	-38%	-46%	146%	-10%	25%	-68%	-1%	-5%	-44%	-53%	-3%	-23%	-5%
Virtualisation Software	13%	11%	47%	19%	34%	26%	92%	75%	-1%	31%	-20%	26%	-6%	30%	10%	68%	23%	-41%	-37%	17%	16%	17%
Network Management and Security Appliances	5%	-15%	-24%	-56%	-24%	50%	-17%	-48%	225%	-11%	111%	-41%	34%	10%	8%	71%	146%	-61%	-63%	-4%	10%	-3%
Wireless Access Points	-19%	13%	-53%	-51%	-23%	-17%	24%	3%	126%	175%	33%	-1%	0%	-43%	-11%	83%	-20%	-13%	-24%	-13%	12%	-11%
Network Routers	-32%	-37%	9%	24%	-8%	-25%	-42%	-61%	163%	-11%	4%	314%	-28%	-41%	-26%	4%	-11%	61%	-38%	-26%	-20%	-25%
Network Management Software	18%	-18%	36%	-17%	-6%	62%	-29%	0%	-22%	23%	-6%	77%	15%	10%	-40%	49%	33%	-77%	3%	1%	-29%	-2%
Large Format Displays	-24%	-49%	-57%	-86%	-36%	-21%	-65%	-55%	-37%	-51%	-31%	-94%	-29%	-73%	-32%	-46%	33%	-73%	-67%	-49%	-33%	-47%
Televisions	-75%	-68%	-36%	-81%	13%	-39%	-31%	-11%	41%	59%	-83%	121%	-78%	-37%	179%	-49%	-42%	21%	-35%	-45%	-23%	-39%
Graphics Cards	-14%	33%	-36%	-45%	-28%	20%	-44%	-8%	2%	-29%	-22%	-36%	-1%	-21%	79%	-29%	-17%	55%	-62%	-11%	21%	-5%
Database Management Software	-12%	4%	7%	-47%	5%	-4%	-58%	-38%	-33%	26%	-4%	-13%	-15%	-26%	107%	-19%	-71%	-54%	-92%	-13%	-31%	-15%
Docking Stations	-13%	-19%	-12%	-36%	-1%	-25%	-35%	25%	-17%	-27%	-9%	36%	-43%	-21%	-14%	-8%	-23%	-27%	-20%	-19%	-16%	-19%
Notebook Workstations	32%	83%	7%	19%	22%	-25%	33%	26%	31%	-16%	-25%	34%	37%	-49%	-18%	-49%	-36%	11%	24%	25%	-33%	19%
Laser Printers	-45%	-14%	-18%	-72%	-47%	-43%	-10%	-53%	-54%	-55%	-46%	-58%	-59%	-33%	-59%	-49%	-18%	-20%	-60%	-41%	-55%	-44%
Desktop Workstations (PC/Mac)	-37%	-48%	-55%	-69%	-39%	-70%	-63%	-65%	-48%	-56%	-78%	-56%	-34%	-68%	-16%	-8%	-42%	-78%	-63%	-52%	-24%	-49%
Uninterruptable Power Supplies (UPS)	-20%	4%	-58%	-62%	-21%	-43%	-50%	-21%	-57%	-43%	20%	-38%	-15%	-44%	-8%	-32%	-9%	-52%	-7%	-28%	-11%	-22%
Transceivers	-11%	-35%	-38%	-41%	-37%	-15%	-16%	-16%	-49%	-28%	-45%	-22%	15%	-21%	-7%	31%	77%	31%	-50%	-25%	0%	-22%
Cables and Connectivity Adapters	-19%	-7%	-53%	-57%	-3%	-31%	-38%	-52%	-16%	26%	-24%	-29%	-3%	-33%	118%	9%	-37%	14%	-27%	-28%	43%	-21%
Keyboards and Keypads	-19%	-21%	-32%	-52%	55%	-8%	-9%	-30%	-40%	22%	-38%	-16%	-14%	-47%	-48%	-27%	-27%	0%	-25%	-19%	-38%	-21%
Integrated Systems	87%	96%	29%	-43%	21%	784%	-90%	-22%	-79%	-71%	-100%	1580%	354%	808%	-40%	54%	-61%	-37%	-100%	55%	-49%	49%
Long Life Consumables	-44%	-65%	-63%	-45%	-47%	-19%	-90 %	-51%	-62%	-32%	-49%	-49%	-43%	-65%	-42 %	-60%	-31%	-64%	-24%	-55%	-41%	-52%
Projectors	-44 /8	-67%	-72%	-80%	-43%	-50%	-66%	-73%	-85%	-32 //	-75%	-45%	-43 %	-78%	232%	-61%	-43%	-61%	-66%	-67%	-35%	-63%
Network Expansion Modules	-59%	-07%	-72%	-24%	-43%	-39%	-00%	-73%	-05% 98%	-20%	-48%	-72%	-31%	-78%	-18%	-01%	-43%	-61%	-00%	-07%	-35%	-03%
Developer Tools Software	-8%	-21%	-392%	-24%	-18%	-39%	-42%	-30%	-1%	-65%	-40% 68%	-05%	31%	-23%	-10%	-29%	-56%	33%	-94%	-29%	-16%	-20%
VOIP Systems	-27%	-20%	-392%	-60%	-10%	-45%	-26%	-31%	43%	-65%	35%	0%	-68%	-49%	-70%	-66%	-56%	-33%	-10%	-39%	-15%	-37%
Servers (Unix)	-10%	-31%	-00%	-60%	-36%	-45%	-13%	-49%	-20%	20 /0	-100%	19%	-00%	-49%	-2%	-00%	784%	-33 /6	-03%	-39%	-29%	-37%
Servers (Unix)	-45%	-31%	294%	-09%	0%	-99%	15%	-41%	-20%		-100%	19%	-1170	-53%	-14%	29%	704%		-94%	-44%	-52%	-45%

Largest Category Consumer

Back to Contents

Largest Categories in Consumer Channel

% Change in sales through IT Distribution in Euros 4 Weeks to Week 16 (April 19 2020) vs Same Period 2019

Sorted by largest categories and country size in Consumer Channel

		WESTERN EUROPE													EAS	TERN EUF	INDUSTRY SECTOR GROWTH					
Category	Germany	UK & Ireland	Italy	France	Switzerlan d	Sweden	Austria	Belgium	Denmark	Finland	Norway	Portugal	Other WE	Spain	Russia	Poland	Czech Republic	Baltics	Slovakia	WE	EE	Total
Notebooks	22%	31%	-4%	-13%	39%	0%	-22%	-23%	33%	35%	106%	32%	83%	8%	76%	50%	47%	41%	10%	19%	60%	29%
Smartphones	-69%	-49%	-59%	-58%	-59%	-16%	-62%	12%	-1%	-37%	-6%	-85%	-20%	-66%	52%	-64%	-12%	49%	-93%	-57%	-31%	-54%
Warranties and Services	0%	281%	143%	174%	-63%	11%	-83%	133%	79%	66%	1566%	16384%	322%	583%	71%	1%	30%	1595%	324%	52%	49%	52%
Ink Cartridges and Tanks	9%	11%	31%	87%	18%	29%	-22%	28%	-39%	-15%	109%	27%	154%	12%	-23%	53%	45%	-44%	-16%	37%	-3%	34%
Desktops	-25%	9%	-72%	-34%	-2%	-8%	-49%	-46%	15%	100%	28%	-42%	21%	-48%	39%	0%	13%	127%	24%	-22%	32%	-10%
Tablet PCs	1%	-26%	-18%	11%	25%	-28%	-18%	-45%	17%	-10%	-59%	7%	11%	12%	12%	3%	3%	318%	-20%	-3%	18%	-1%
Toner	-14%	-38%	-20%	-17%	-4%	9%	-36%	-48%	-42%	-36%	9%	-9%	46%	-35%	-40%	57%	-25%	-84%	-38%	-19%	-31%	-22%
Monitors	23%	91%	-5%	13%	86%	98%	77%	42%	69%	57%	-36%	58%	93%	27%	37%	24%	39%	88%	-39%	43%	36%	41%
Security Software	-18%	0%	88%	57%	128%	-171%	627%	33%	807%	39%	88%	-54%	156%	3%	-74%	112%	330%	5434%	-21%	30%	-40%	18%
Solid State Drives (SSDs)	-20%	16%	-77%	-6%	-33%	12%	-24%	-8%	38%	78%	108%	36%	179%	-33%	116%	-7%	-44%	93%	-39%	-16%	26%	-4%
Office Applications Software	-41%	112%	-66%	28%	-3%	181%	-12%	23%	701%	102%	98%	134%	895%	102%	36%	32%	-9%	76%	-16%	43%	30%	39%
Processors	185%	47%	-12%	-18%	172%	14%	134%	132%	204%	130%	65%	-50%	63%	111%	24%	29%	29%	-24%	-92%	80%	21%	55%
Network Switches	6%	-57%	-64%	454%	69%	401%	122%	4%	112%	72%	2332%	151%	68%	-39%	152%	272%	51%	325%	175%	45%	178%	70%
Operating Systems Software	12%	-29%	-26%	115%	28%	226%	328%	406%	210%	84%	188%	7%	371%	670%	101%	57%	68%	58%	-50%	99%	74%	90%
Hard Disk Drives (HDDs)	24%	-43%	-70%	-9%	-47%	-17%	-39%	-54%	99%	1%	59%	-64%	-34%	-57%	125%	-5%	-51%	30%	-48%	-25%	77%	4%
Headsets/Headphones and Microphones	-16%	-14%	-40%	-11%	61%	52%	-49%	-13%	238%	62%	162%	-33%	64%	-9%	36%	123%	42%	31%	65%	0%	55%	5%
RAM Memory	52%	28%	1%	17%	78%	28%	115%	66%	26%	158%	-70%	-10%	48%	-34%	149%	131%	-15%	86%	-59%	38%	113%	60%
All-in-One Lasers	29%	34%	43%	65%	-39%	29%	103%	38%	35%	-5%	42%	64%	-25%	13%	45%	26%	-11%	-32%	12%	26%	32%	28%
All-In-One Inkjets	-2%	-2%	15%	41%	3%	-9%	23%	-1%	7%	107%	-10%	131%	138%	48%	-30%	118%	-40%	70%	-33%	19%	18%	19%
Wireless Access Points	57%	22%	43%	33%	30%	-6%	16%	55%	5%	153%	-50%	297%	244%	-4%	44%	159%	116%	38%	-40%	49%	77%	51%
Network Routers	-21%	3%	-60%	-42%	39%	190%	1%	158%	246%	175%	62%	140%	163%	61%	60%	49%	40%	-22%	-50%	-8%	38%	3%
Televisions	87%	48%	-76%	35%	80%	-99%	70%	-71%	1976%	106%	-55%	-95%	1326%	602%	19%	-52%	-36%	99%	-84%	-23%	-29%	-24%
Graphics Cards	39%	26%	-38%	-35%	8%	26%	-1%	46%	31%	91%	-93%	-33%	227%	-36%	32%	47%	42%	112%	-72%	16%	39%	22%
Laser Printers	61%	-8%	55%	69%	24%	116%	237%	55%	21%	80%	205%	222%	63%	43%	80%	66%	3%	96%	9%	49%	67%	56%
Uninterruptable Power Supplies (UPS)	8%	-47%	-79%	-55%	-30%	1711%	65%	9%	179%	54%	117%	-79%	28%	-60%	57%	67%	-3%	120%	24%	-21%	54%	14%
Smart Watches	-48%	-13%	-59%	-43%	-15%	12%	-53%	-1%	2%	2%	678%	-58%	65%	-57%	92%	-91%	-25%	-85%	-89%	-28%	-50%	-31%
Cables and Connectivity Adapters	-50%	-25%	-81%	-63%	27%	34%	-45%	-65%	20%	7%	-3%	-51%	-20%	-56%	20%	-29%	-16%	112%	-34%	-38%	-11%	-35%
Keyboards and Keypads	-22%	37%	-71%	-47%	64%	-38%	-43%	-17%	79%	69%	-27%	18%	44%	-40%	-17%	-19%	29%	17%	-30%	-4%	-10%	-5%
Mice	-37%	21%	-47%	-48%	-28%	-12%	-31%	-37%	-12%	39%	-50%	27%	29%	-2%	-2%	-16%	89%	32%	-62%	-21%	6%	-16%
Projectors	-67%	-59%	-71%	-88%	-46%	417%	-29%	-47%	-48%	3%	-1%	-79%	-2%	-80%	66%	-67%	-35%	-60%	5%	-61%	-40%	-58%
Mobile Computing Cases	-30%	-33%	-69%	-59%	-43%	-25%	-31%	-50%	45%	-32%	-49%	-55%	-11%	-45%	-31%	-33%	4%	3%	-2%	-37%	-18%	-36%
NAS Devices	11%	-61%	-22%	39%	8%	27%	-22%	75%	83%	-18%	-76%	-65%	21%	-37%	39%	-58%	-39%	304%	-34%	-5%	-19%	-8%
Digital Media Players	-32%	30%	-64%	-22%	7%	20%	-12%	148%	125%	70%	122%	32%	33%	-22%	58%	-188%	-35%	225%	-72%	-4%	-74%	-6%
Smart Bands and Activity Trackers	-100%	-64%	-79%	-100%	-34%	185%	-83%	2735%	148%	363%	-100%	-75%	-49%	-79%	277%	-68%	-25%	-96%	-47%	-67%	91%	-56%
Smartphone Protective Cases	-89%	-82%	-97%	-96%	-28%	-12%	-97%	-84%	-111%	-19%	-36%	-86%	-56%	-96%	1810%	-84%	-6%	11%		-85%	628%	-44%
IP Cameras	-24%	-67%	-85%	-90%	-2%	-56%	-48%	-68%	-34%	34%	-76%	-79%	-14%	-88%	84%	-45%	2%	425%	306%	-62%	40%	-58%
Games Accessories	43%		-46%	-27%	-27%	124%	4%	1920%	-13%	-5%	-55%	-3%	215%	119%	-33%	21%	-5%	-52%	27%	30%	3%	23%
Smart Speakers	-41%	-23%	-87%	-90%	15%	-52%	-59%	1606%	-75%	-100%		-84%		-68%			-100%	-100%		-60%	-85%	-60%
USB Memory Powerline Devices	-6% 31%	-24% 47%	-70% -31%	-15% 1%	-20% 43%	63% 161%	-84% -30%	-6% 6%	-72% 184%	-7% 3%	-67% -15%	-77% 272%	-46% 118%	-86% -38%	35% 75%	-57% 10%	-67% 193%	-7% -45%	-63% -62%	-30% 23%	-31% 44%	-30% 23%
Memory Cards	-64%	-44%	-31%	-68%	-20%	287%	-30%	-74%	-63%	3%	-15%	-82%	-23%	-38%	75% 54%	-86%	-70%	-45%	-62%	-59%	-41%	-55%
Portable Speakers	-66%	-73%	-60%	-94%	-81%	-100%	-100%	-42%	97%	-48%	1903%	-98%	132%	-91%	-26%	-90%	-8%	-91%	9%	-75%	-52%	-73%
Consoles Fixed Mobile Phones	100% -95%	-65%	3507% -65%	-60%	669% 193%	6198% -58%	4230% -93%	-100%	56% -15%	10% 28%	-100% 197%	13899% -86%	-6% -82%	253% -46%	285% -26%	65% -88%	188% -9%	-95% 33%	143% -22%	345% -62%	86% -30%	137% -55%
Digital Cameras	-98%	45%	-98%	1201%	-46%	-94%	-8%	-76%	-99%	-65%	556%	-78%	-39%	-96%	-42%	-93%	-77%	193%	-91%	-69%	-82%	-77%

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