CORPORATESECURITY REVENUE OF CREW 10% ORGANICALLY IN FOURTHQUARTER

Q4/2019

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KEY TAKEAWAYS FROM Q4

Corporate cyber security continued to grow

- Corporate security products revenue grew 5%
 - Managed Detection and Response (MDR) solutions continued to win new deals, but delay in closing of some large MDR deals
 - Endpoint protection on slight and steady growth track while good renewal performance continued
- Cyber security consulting grew strongly, by 16%
- Consumer security revenue at the previous year's level
- Adjusted EBITDA according to our expectations margin 12%
- In December F-Secure completed restructuring and MWR InfoSecurity integration improved focus on serving different customer segments



KEY FINANCIAL HIGHLIGHTS

EUR million	10-12/2019	10-12/2018	Change	1-12/2019	1-12/2018	Change
Revenue	56.1	53.7	4 %	217.3	190.7	14%
Consumer security	23.4	24.0	-2 %	94.8	94.9	0 %
Corporate security	32.7	29.8	(10 %)	122.5	95.9	28 %
Adjusted EBITDA ¹	6.6	4.9	36 %	23.2	17.4	34%
% of revenue	12 %	9 %		11 %	9 %	
Adjustment to operating income				12.5		
M & A expenses		-0.3			-3.6	
EBITDA ¹	5.4	4.5	19 %	31.1	13.8	126 %
Depreciation & amortization ¹	-3.5	-2.0	74 %	-13.6	-6.8	96 %
Impairment	-0.3			-6.3		
PPA amortization	-0.9	-1.2	-22 %	-4.1	-2.5	63 %
EBIT ¹	0.8	1.4	-46 %	7.2	4.5	58 %
Earnings per share (EUR) ²	0.00	0.00	-235 %	0.02	0.01	298 %
Deferred revenue				73.9	72.9	1 %
Cash flow from operations before financial items and taxes ¹	8.7 ¹	10.5	-18 %	19.0 ¹	13.8	38 %
Personnel, end of period				1,696	1,666	2%

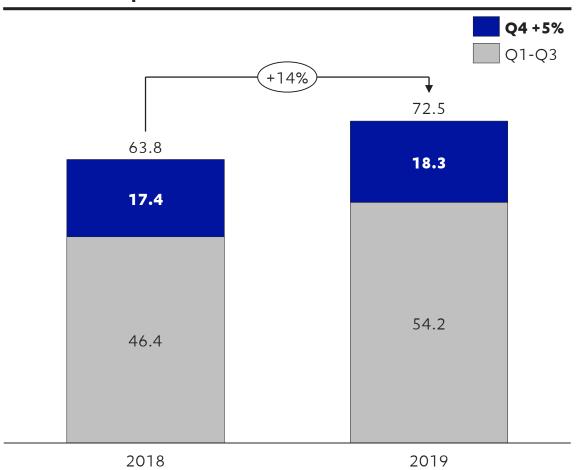
F-Secure.

¹IFRS 16 increased Adjusted EBITDA and EBITDA by EUR 1.7 million during Q4 and EUR 6.6 million during January-December. Impact on adjusted EBIT and EBIT was EUR 0.1 million during Q4 and EUR 0.3 million during January-December. Positive impact on cash flow from operations before financial items and taxes was EUR 1.5 million during fourth quarter and EUR 6.0 million during January-December.

CORPORATE SECURITY PRODUCTS REVENUE GREW 5% IN Q4

(1-12/2019, EUR million)

Revenue comparison



Revenue from endpoint security continued slight and steady growth

- Good renewal performance with existing installations
- New customer acquisition was soft in Finland and Japan partly due to termination of some non-strategic products
- Channel Sales Program of the Year by Sirius Decisions

Revenue from Managed Detection and Response solutions (Countercept & RDS) increased well

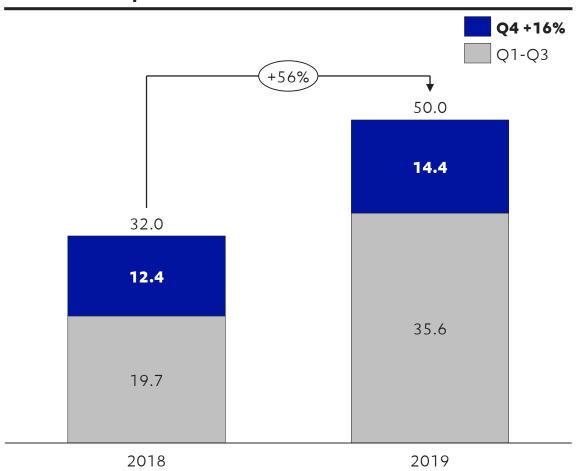
- Several new F-Secure Countercept deals in customer verticals such as finance, logistics, critical infrastructure and professional services
- MDR deals were won countries such as Belgium, Germany, Finland and France
- Good renewal performance continued globally during Q4



CYBER SECURITY CONSULTING REVENUE GREW 16% IN Q4

(1-12/2019, EUR million)

Revenue comparison



Cyber security consulting revenue continued to grow strongly

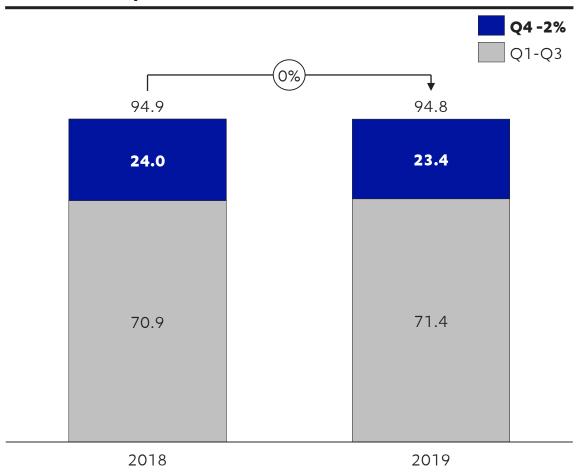
- Cyber security consulting revenues continued to grow well in our largest markets UK and Nordics
- Singapore once again performed exceptionally well in Q4
- Utilization rates were soft in some regions during the last quarter of 2019



CONSUMER SECURITY — AT THE PREVIOUS YEAR'S LEVEL

(1-12/2019, EUR million)

Revenue comparison



Revenue from the operator channel declined slightly from the previous year's level

- Positive sentiment around ID PROTECTION we closed first deals with operator partners in Asia, Europe and US
- To highlight F-Secure's traction among operators, we replaced a large international competitor's endpoint offering on top of ID PROTECTION deal

Revenue from direct sales increased from the previous year

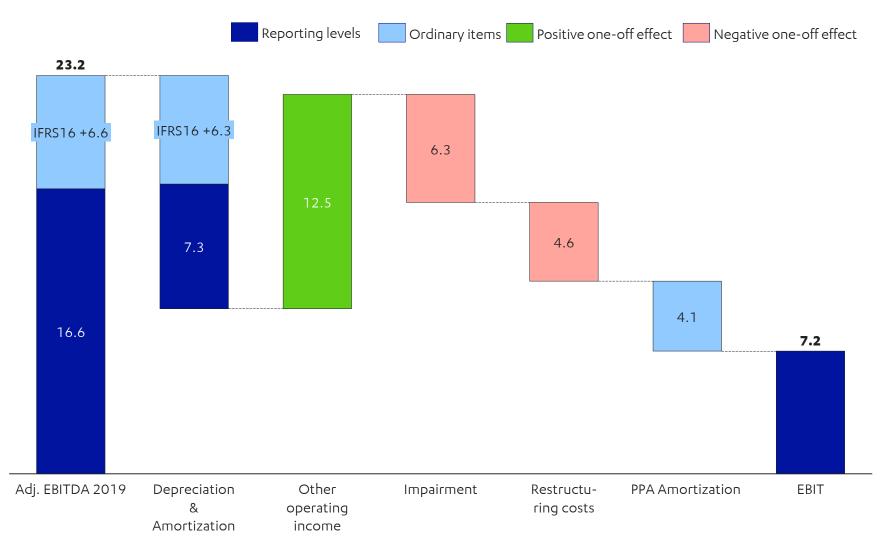
- Direct channel had the strongest quarter of the year with renewals continuing at a good level
- Ecommerce sales performed well especially in the UK and Scandinavia
- The sales performance of our strategic retail partners was also good in Q4



POSITIVE ONE-OFF IMPACT OF EUR 1,6M IN FY2019 EBIT

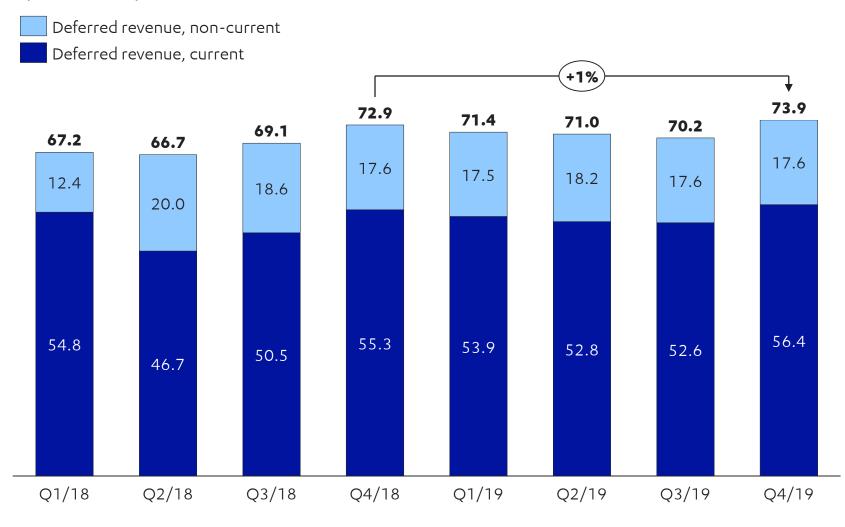
(FY2019, EUR million)

- The earnout period ended at the end of 2019 and resulted in additional EUR 3.7 million to be paid during first quarter of 2020
- The acquisition of MWR resulted final purchase price of GBP 85million
- Adjusted EBITDA excluding IFRS16 at the same level as previous year





DEFERRED REVENUE AT THE PREVIOUS YEAR'S LEVEL

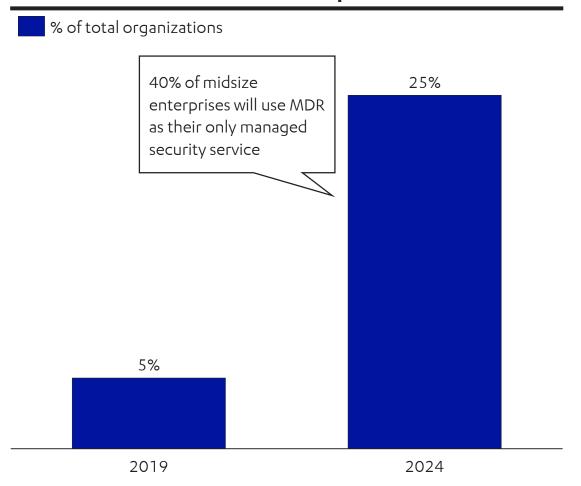


- Deferred revenue at the previous year's level
- In corporate endpoint solutions shorter average contract duration and renewed discount policy
- Increased demand for monthly subscriptions
- Impacted by slower growth of endpoint protection order intake during past year
- The growth of deferred revenue has decelerated also due to increased share of consulting business



F-SECURE COUNTERCEPT WINNING NEW CUSTOMERS IN THE EMERGING MDR MARKET

MDR services adoption¹



F-SECURE COUNTERCEPT earns multiyear contract from global logistics and engineering firm based in Belgium among other won deals

CONTINUOUS RESPONSE to

put the right people, in the right place at the right time

1 MILLION DOLLARS

average cyber attack cost²



¹⁾ Gartner, Market Guide for Managed Detection and Response Services on 15th July 2019

²⁾ Ponemon 2018 Cost of data breach study

F-SECURE ID PROTECTION LAUNCHING WITH 7 PARTNERS

CONSUMER CONCERNS

81% 52%

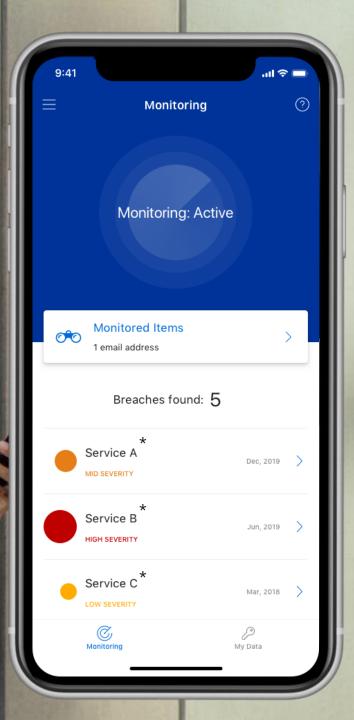
WORRY ABOUT **IN A BREACH**

FIND ALERTS ON LEAKED OR STOLEN F-SECURE ID PROTECTION

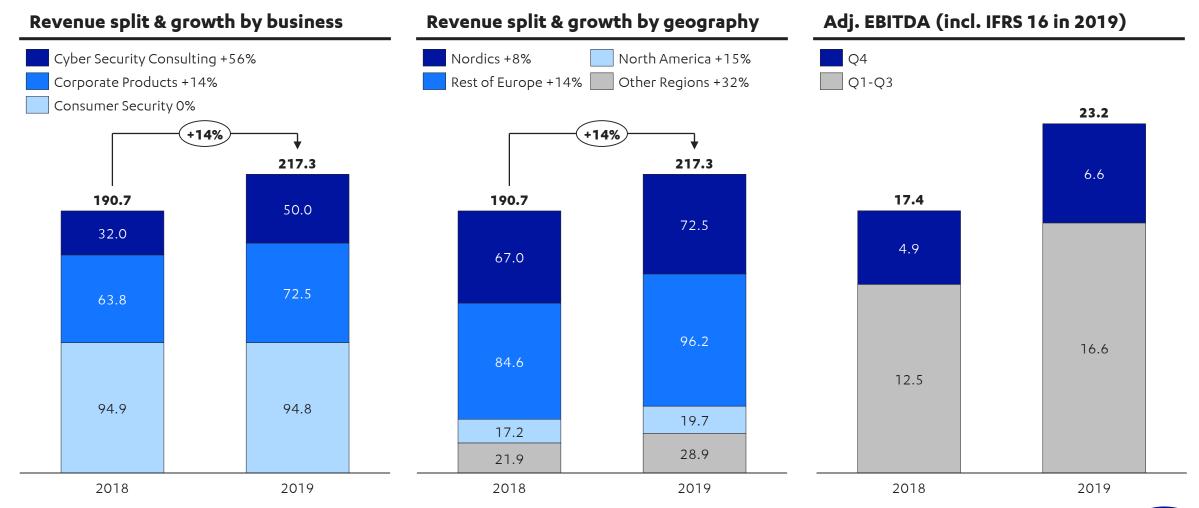
COMBINES PERSONAL INFORMATION MONITORING **AGAINST DATA BREACHES**

WITH

PASSWORD MANAGER TO CREATE STRONG PASSWORDS

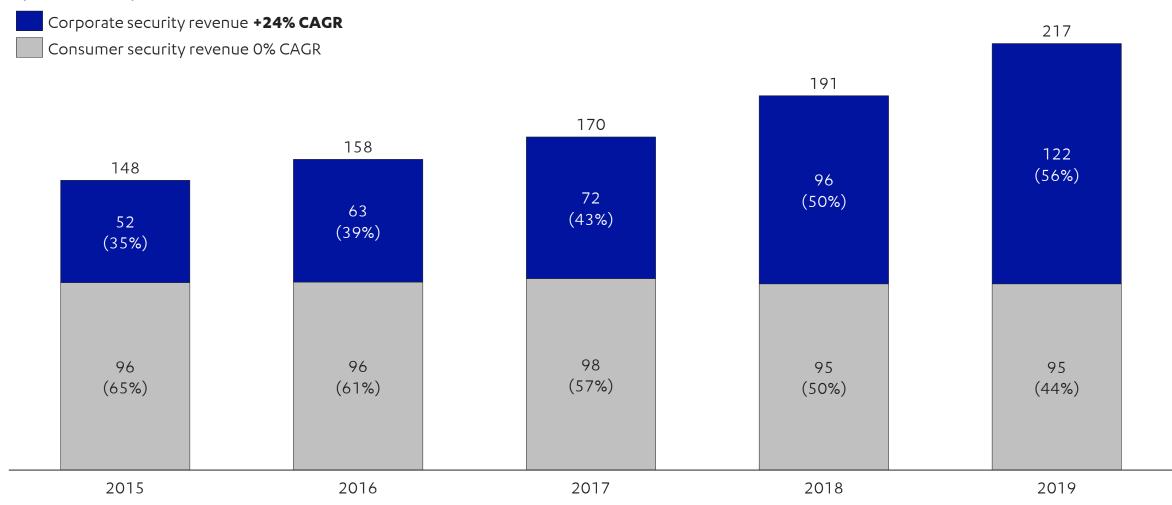


F-SECURE'S 2019 IN BRIEF





CORPORATE SECURITY GROWN BY 24% CAGR SINCE 2015





OUTLOOK 2020

The company's outlook for 2020 is:

- •Organic revenue growth in corporate security is expected to continue in 2020 although slower than in 2019. The negative impact of terminated non-strategic products in growth rate is estimated to be a few percentage points in 2020.
- •Revenue from consumer security is expected to be approximately at the same level as in 2019.
- •Adjusted EBITDA is expected to clearly increase compared to 2019.

This outlook disclosed on the 12th of December 2019 replaced previously disclosed forecasts and forward-looking statements.







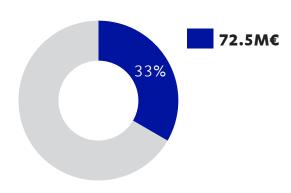
AFTER RESTRUCTURING BETTER FOCUS ON SERVING DIFFERENT CUSTOMERS

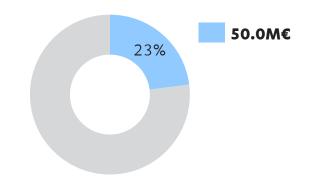
(1-12/2019 Revenue, EUR million)

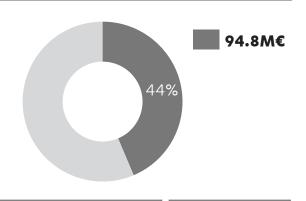




CONSUMER SECURITY PRODUCTS







Suite of endpoint products

F-Secure Countercept

Global multi-disciplinary organization

Operator partners

Direct
Business

CHANNEL PARTNERS

6000+ globally

DIRECT SALES

DIRECT SALES

300+ consultants

OPERATORS

200+ globally

RETAIL & E-COM

100,000+ COMPANIES



300+ ENTERPRISES



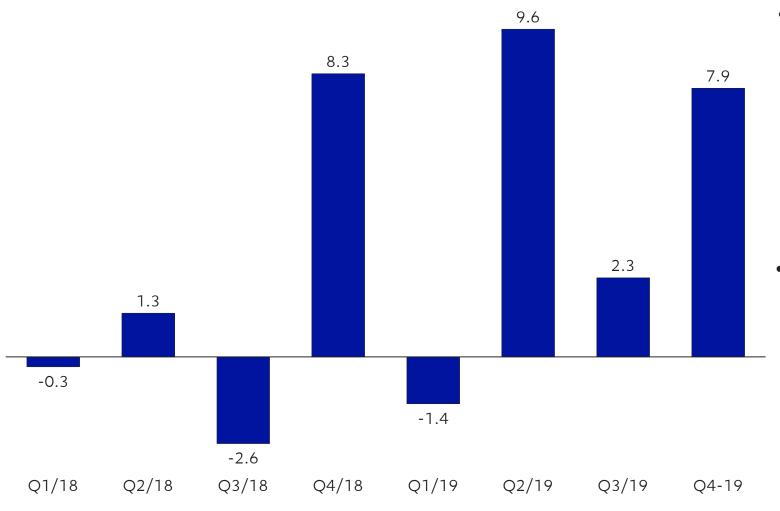








CASH FLOW FROM OPERATING ACTIVITIES



- Cash flow from operations for FY 2019 totaled EUR 18.5 million
 - Adoption of IFRS 16 resulted in positive impact to cash flow from operations before financial items
 - The impact was EUR 1.5 million during Q4 and EUR 6.0 million during January-December
- Cash balance at the end of 2019 was EUR 25.5 million



