

# Q3 2018 Presentation

CEO Torgrim Takle | CFO Jon Birger Syversen, 14 Nov 2018

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# Unique Business Model

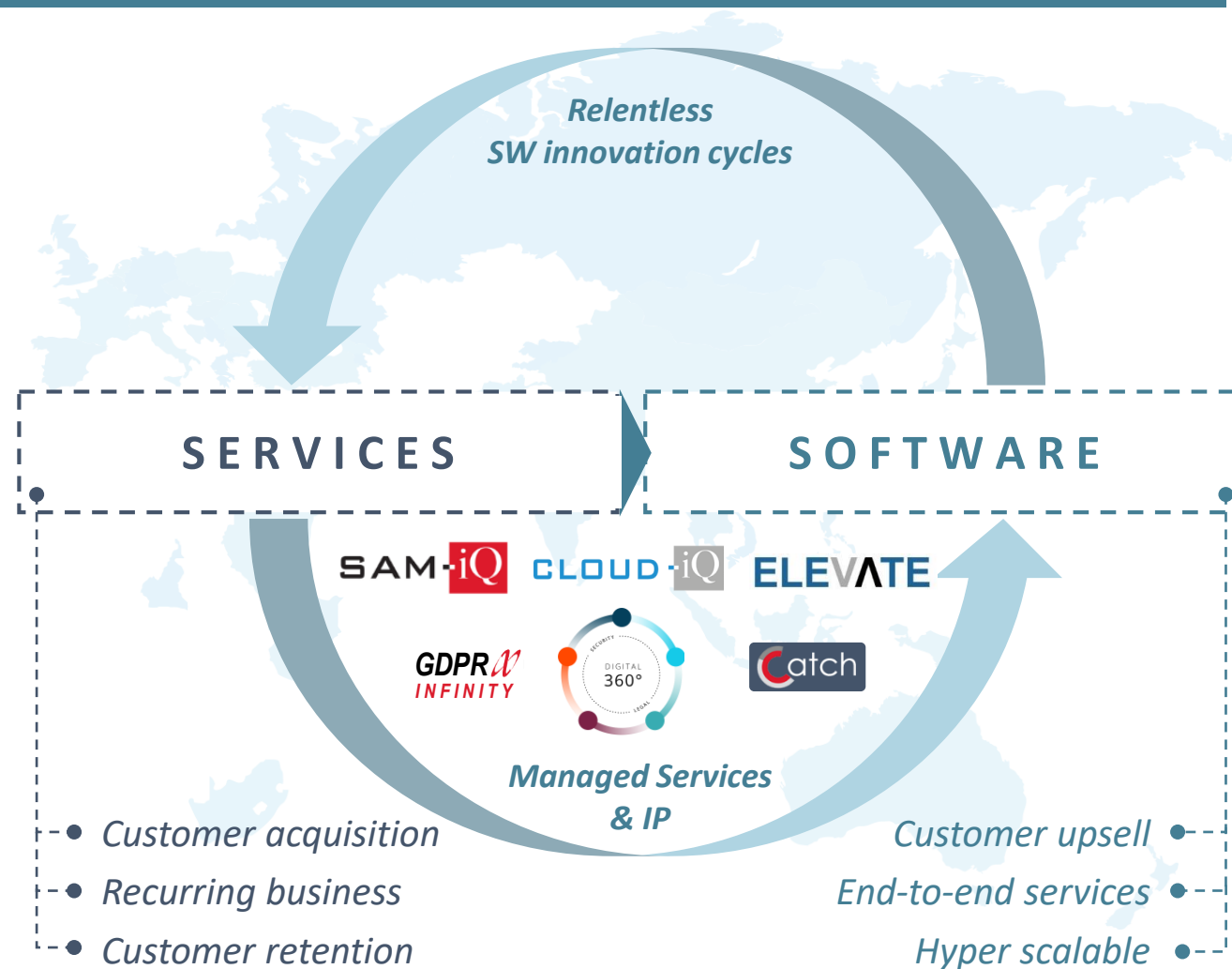
Customers' key challenges within IT

 Crayon | Business Model



How to optimize SW spending?

Costs Business Value  
Procurement & Deployment



# Business Update

Q3 2018 | CEO Torgrim Takle





# Q3 2018 Highlights



1 ANOTHER RECORD FINANCIAL QUARTER

2 GROWTH LEADERSHIP & EBITDA UPSIDE

3 CLOUD-IQ: PASSED 1 MILLION END-CUSTOMERS

4 CONSOLIDATION TREND & VALUE POTENTIAL

**Crayon Helps TINE Dairy Co-Op  
Leverage AWS Machine Learning** 

*“Great story about using IoT, Big Data and Machine Learning to increase the productivity of farmers while respecting the wellbeing of farm animals. Congratulations to AWS AI competency partner Crayon”*

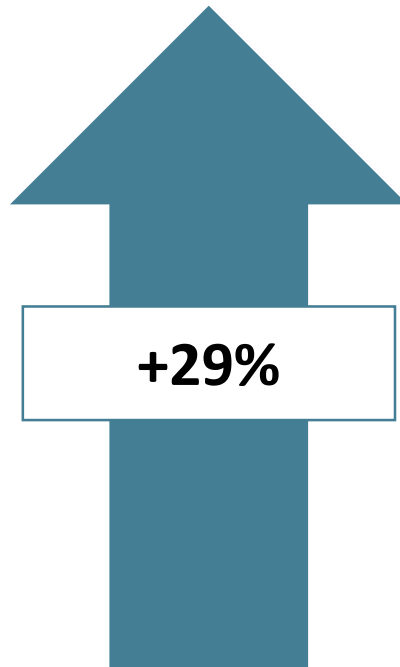
**Carlos Escapa, AWS**

November, 2018

# Another Record Financial Quarter

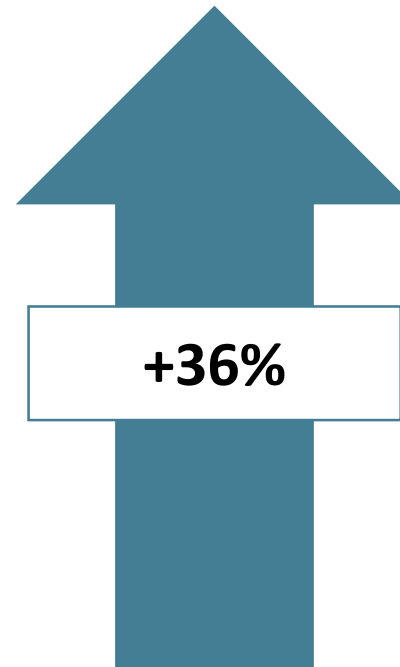


*Compared to corresponding period last year*



**Revenue**

(MNOK 1,612)



**Gross Profit**

(MNOK 310)



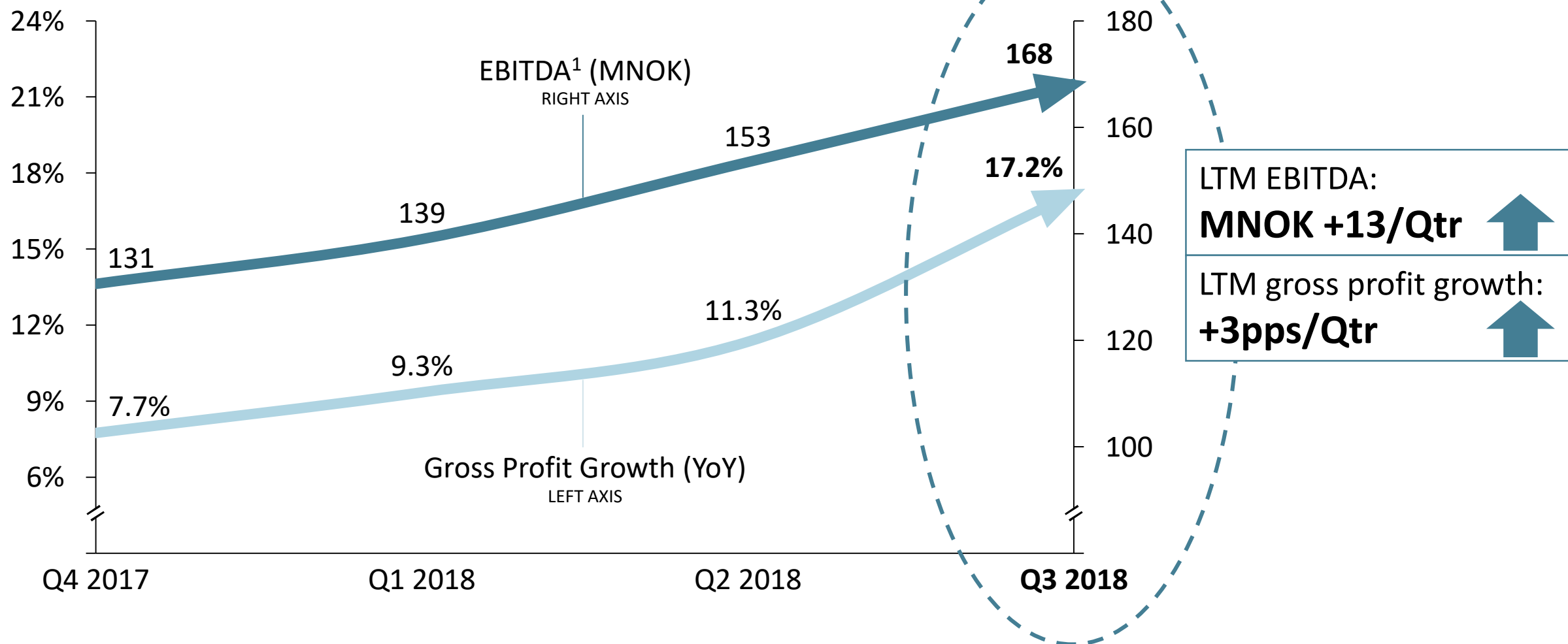
**EBITDA<sup>1</sup>**

(MNOK 5)

# Strong Growth & Profitability Momentum



Last Twelve Months (LTM)



1 Adjusted EBITDA, excluding extraordinary costs

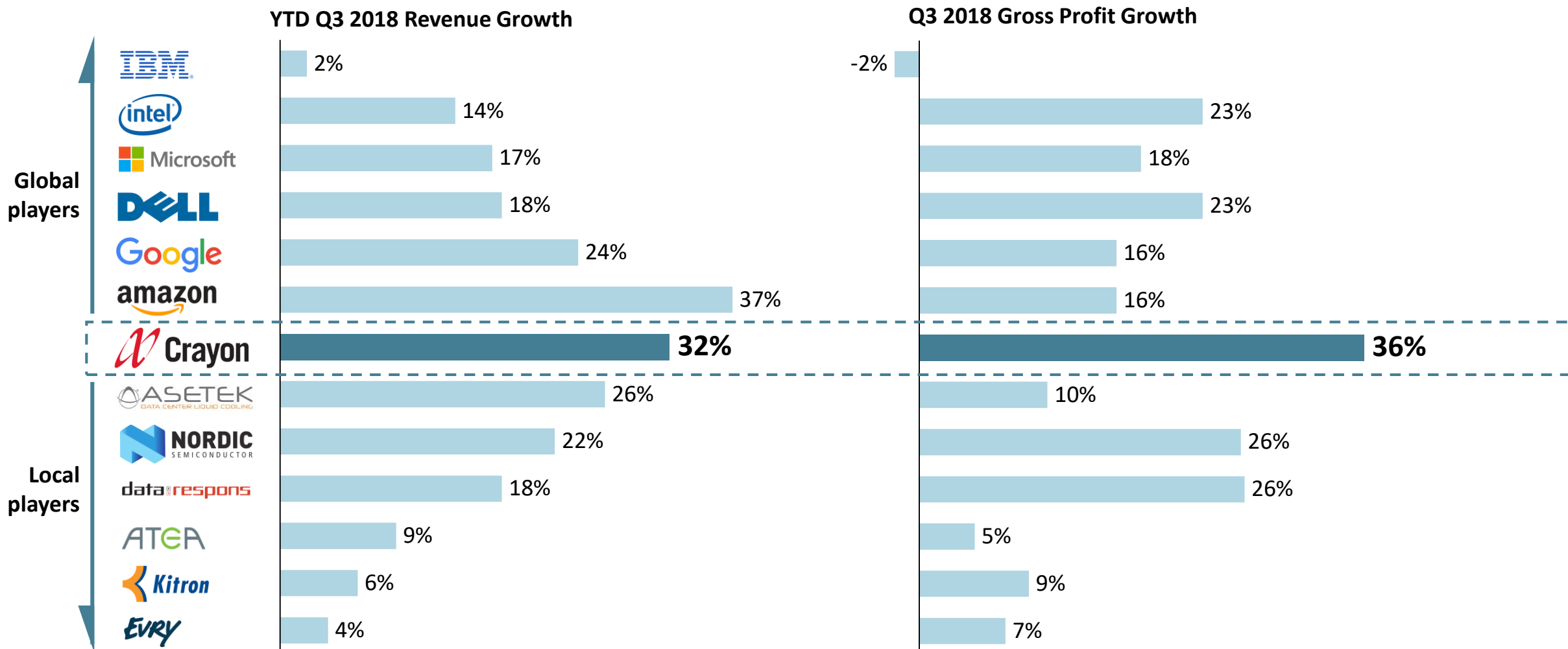
## Q3 2018 Highlights

2

## Crayon Among the Fastest Growing IT Companies



Year-over-Year Growth (YoY)



Note: Dell Technologies quarter ended 31 August 2018

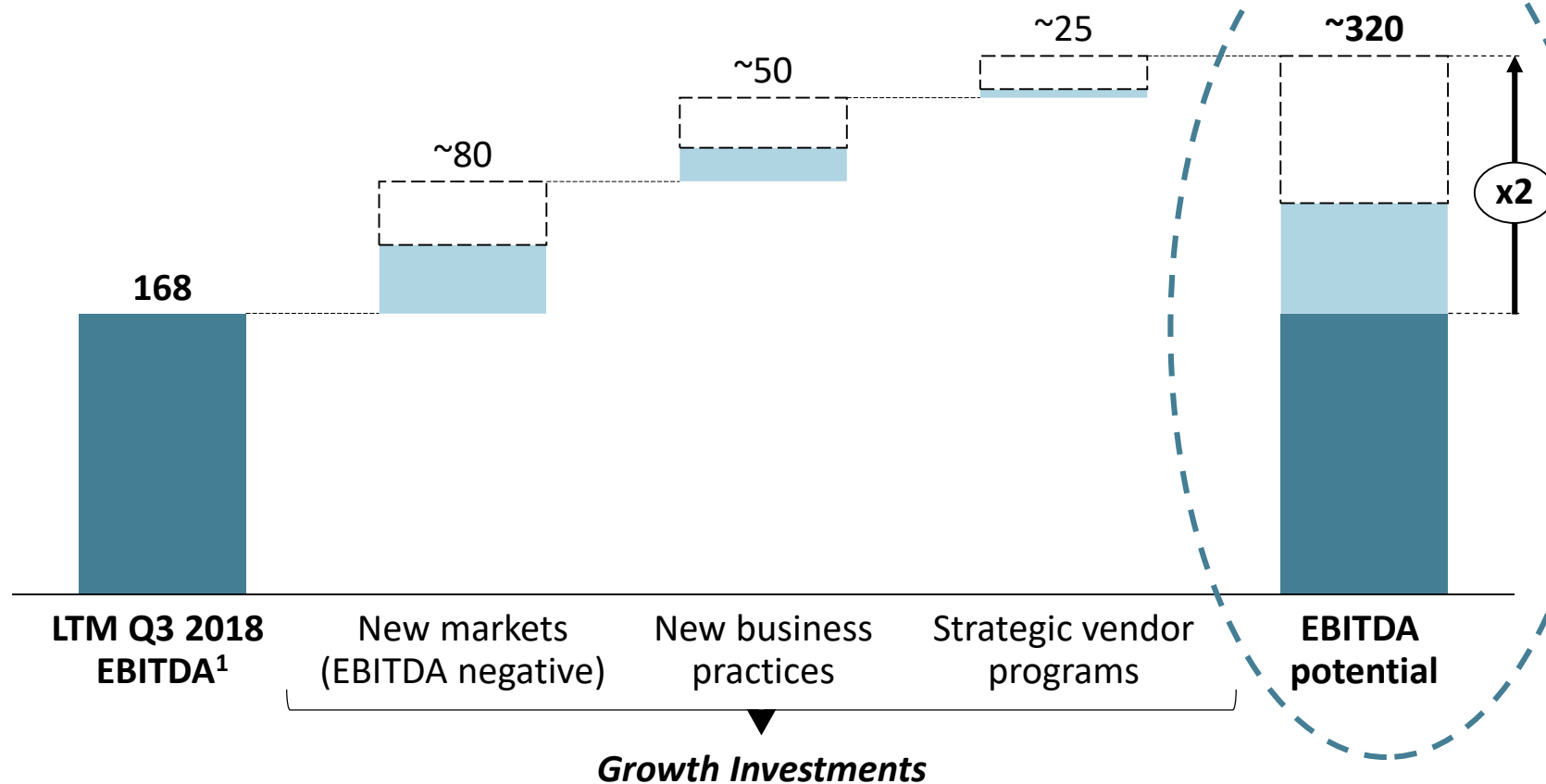


# Growth Investments Yield Significant EBITDA Upside



NOK millions

- Medium term EBITDA upside
- Negative EBITDA impact, LTM Q3 2018



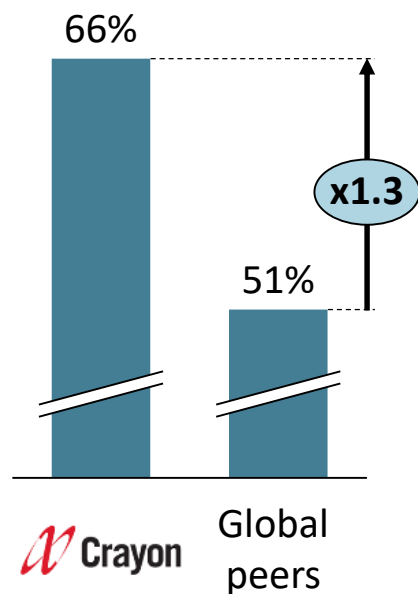
- Growth investments of MNOK ~65 (Negative LTM Q3 2018 EBITDA impact)
- Estimated medium term EBITDA upside of MNOK ~150 (return of growth investments)

<sup>1</sup> Last Twelve Months (LTM). Adjusted EBITDA, excluding extraordinary costs

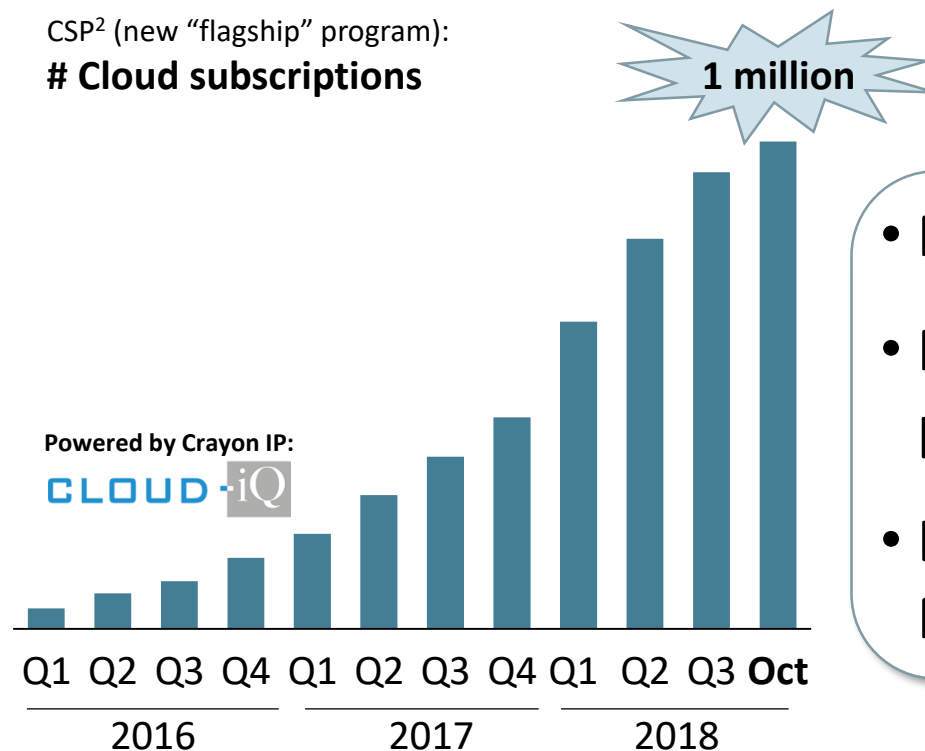
# 3 Continued Cloud Leadership



All-up:  
Cloud mix<sup>1</sup>



CSP<sup>2</sup> (new “flagship” program):  
# Cloud subscriptions



- Passed 1 million end-customers!
- Fastest growing global Microsoft partner & highest cloud mix
- LTM gross profit of MNOK 56 vs MNOK 96 annualized<sup>3</sup>

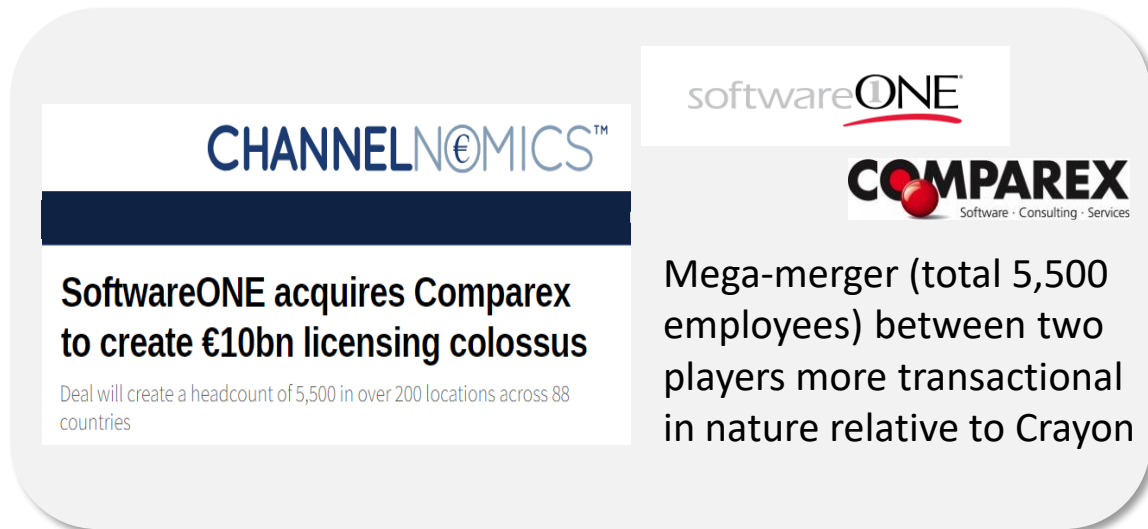


<sup>1</sup> Microsoft strategic partners; Cloud Revenue Metrics includes Public Cloud + Hybrid Cloud (SPLA & System Center); Percent of total Microsoft revenue Q3 2018  
<sup>2</sup> Cloud Solution Provider; Microsoft licensing program  
<sup>3</sup> CSP: September 2018 gross profit x 12

# Consolidation Trend: Significant Value Potential for Crayon



## Consolidation trend demonstrated by SW1/Comparex merger



## Crayon has an attractive consolidation platform

### M&A play

Scale

IP<sup>2</sup>

Services

### Value lever

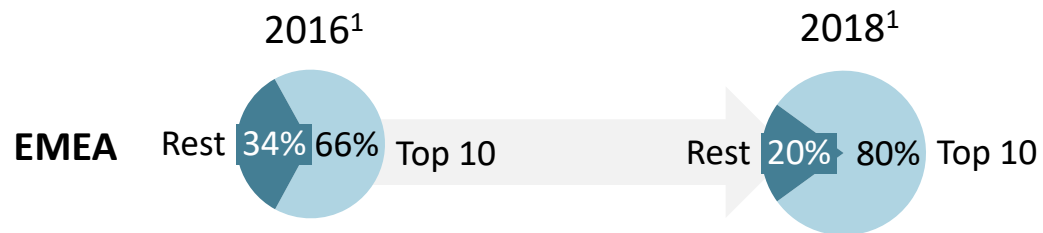
- Economies of scale
- Cost synergies
- Reduce cost to sell
- Leverage existing sales & distribution network
- Customer upsell
- Share of mind & wallet

### # of processes

2-3

3-5





5-10



<sup>1</sup> Management estimate based on Microsoft revenue numbers for LSP  
<sup>2</sup> Intellectual Property (i.e., bespoke products, systems, tools etc.)



# Q3 2018 Business Area Summary

	SW Direct		SW Indirect		SAM		Consulting	
	Q3 2018	Q3 2017	Q3 2018	Q3 2017	Q3 2018	Q3 2017	Q3 2018	Q3 2017
Gross profit growth <sup>1</sup>	+47%	-7%	+45%	+11%	+17%	+10%	+30%	+7%
EBITDA margin <sup>2</sup>	16%	8%	43%	37%	-2%	-1%	13%	11%
Significant client wins								
Q3 drivers and outlook	<ul style="list-style-type: none"> <li>• Strong underlying market growth</li> <li>• Shift in infrastructure segment to cloud yielding significant upside</li> </ul>		<ul style="list-style-type: none"> <li>• Accelerated partner recruitment, cloud migration &amp; consumption</li> <li>• Normalized EBITDA margin achieved ahead of schedule (cf. Q4 2017 incentive changes communicated)</li> </ul>		<ul style="list-style-type: none"> <li>• Still negative impact from contract loss in USA</li> <li>• Transition to cloud economics &amp; recurring services centered around cost-control and optimization</li> </ul>		<ul style="list-style-type: none"> <li>• Attractive market dynamics and significant customer wins</li> <li>• Continued investments for building global AI/Machine Learning practice</li> </ul>	

<sup>1</sup> Gross profit growth Year over Year ("YoY")

<sup>2</sup> EBITDA as a percentage of gross profit



# Financial Review

Q3 2018 | CFO Jon Birger Syvertsen



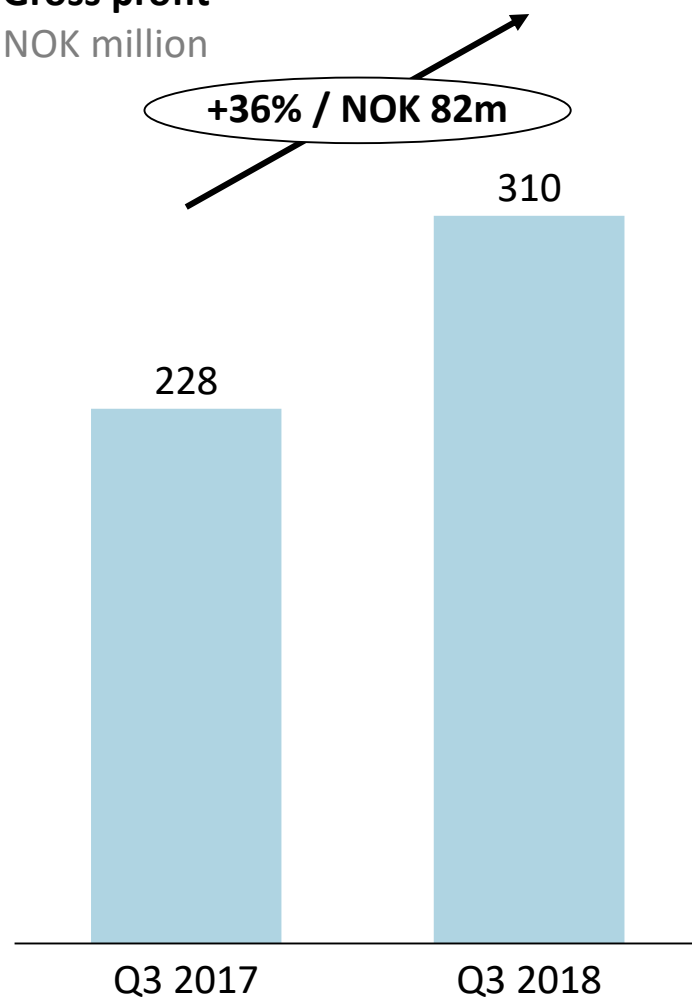
Q3 2018

# Strong gross profit growth across all markets



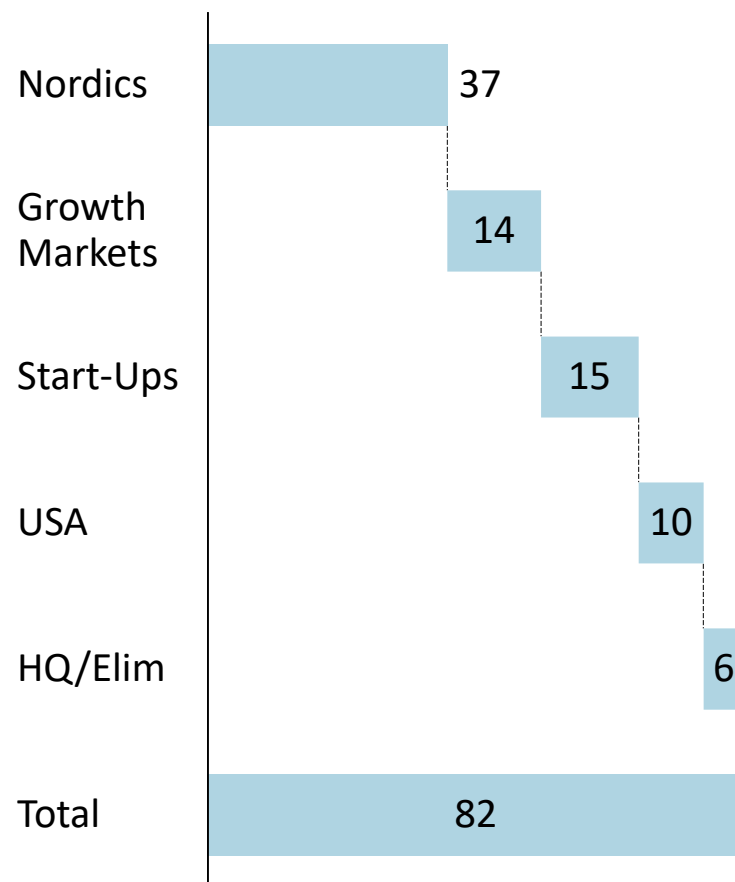
## Gross profit

NOK million



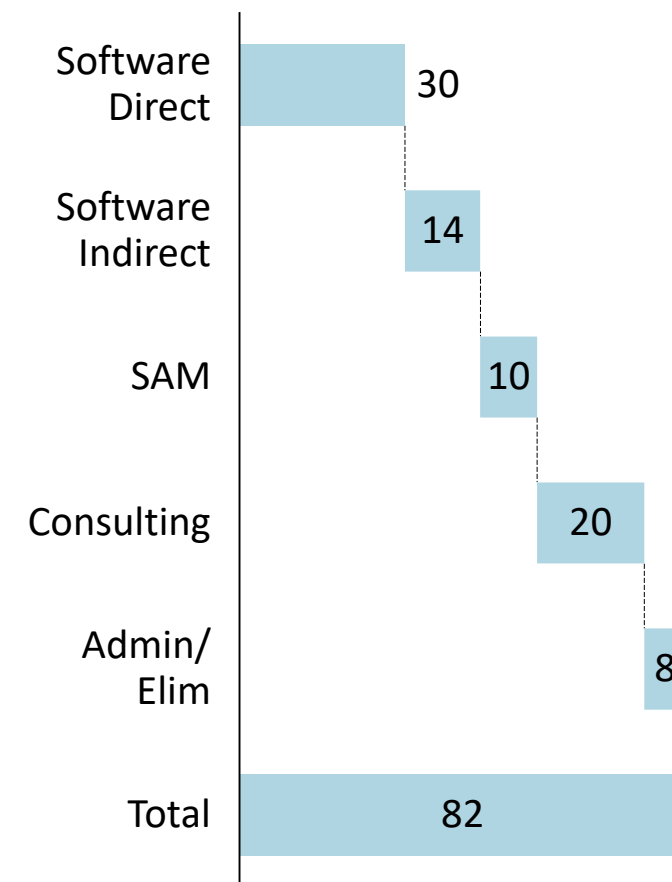
## YoY gross profit growth by market cluster

NOK million



## YoY gross profit growth by business area

NOK million





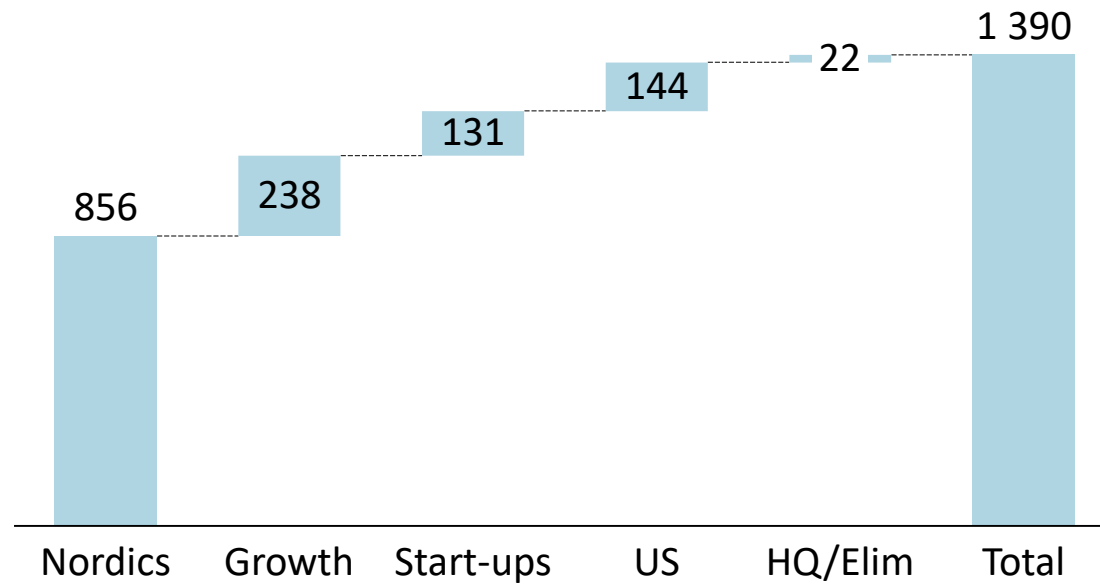
Q3 2018

# Strong Q3 results in 17.2% gross profit growth LTM



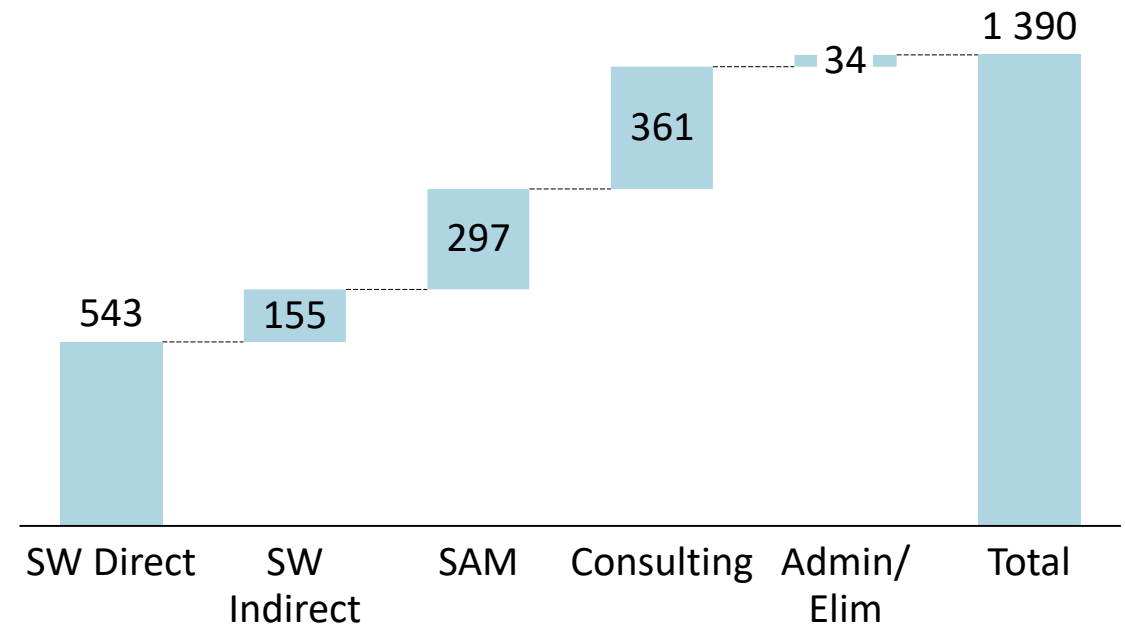
## LTM gross profit by market cluster

NOK million



## LTM gross profit by business area

NOK million



Growth  
rate<sup>1</sup>

14%

22%

37%

8%

n/a

17.2%

18%

21%

6%

21%

n/a

17.2%

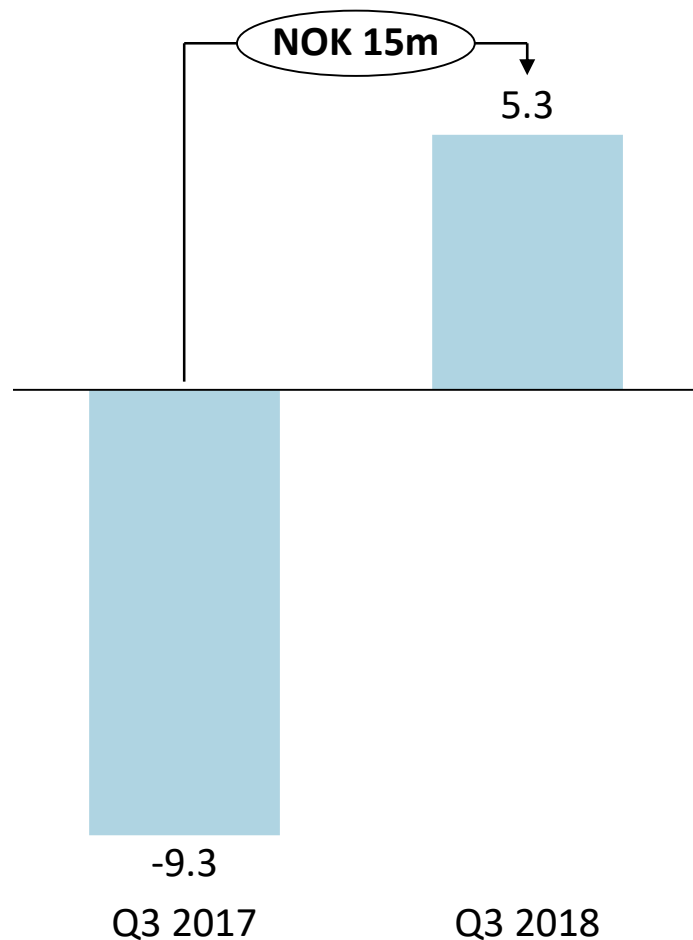
Q3 2018

# EBITDA growth driven by Nordics



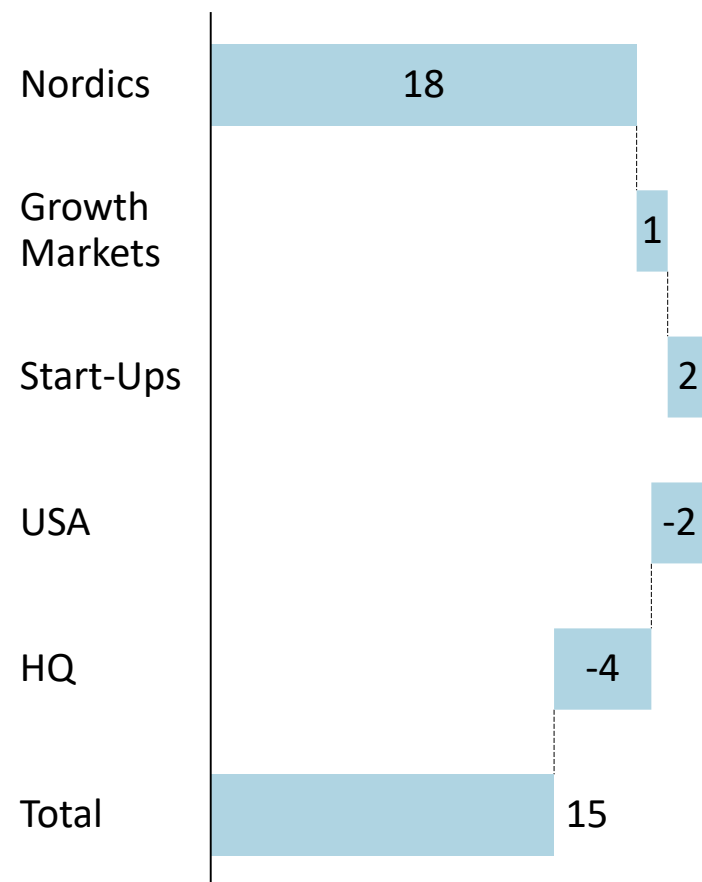
## Adjusted EBITDA

NOK million



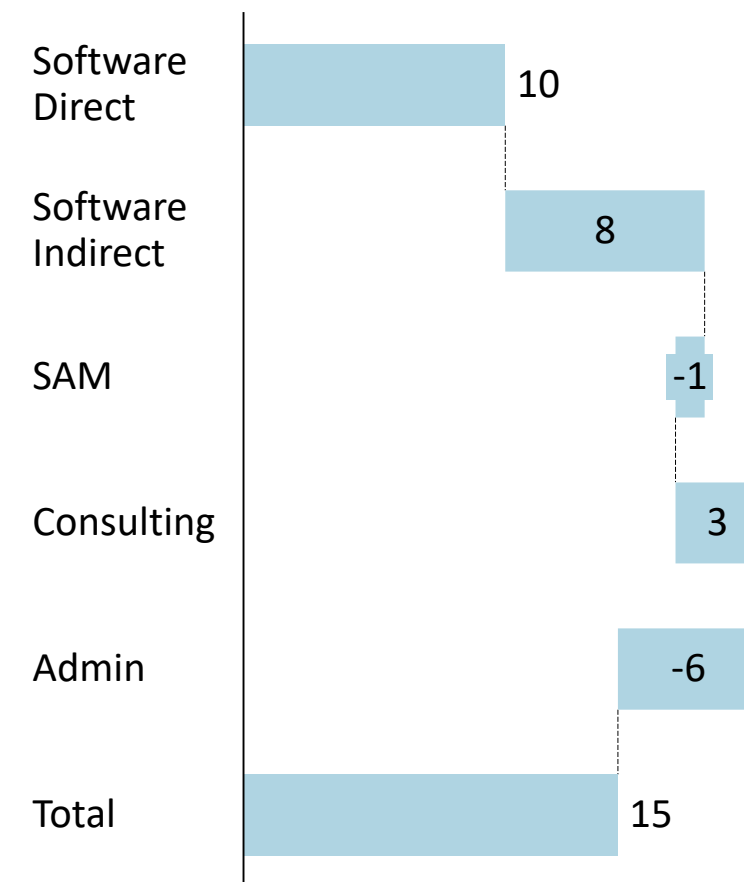
## YoY Adj EBITDA growth by market cluster

NOK million



## YoY Adj EBITDA growth by business area

NOK million



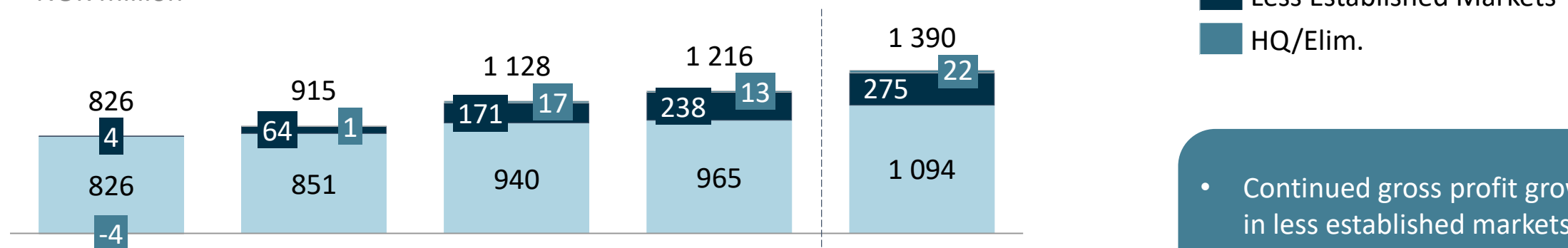
Q3 2018

# International expansion momentum continues



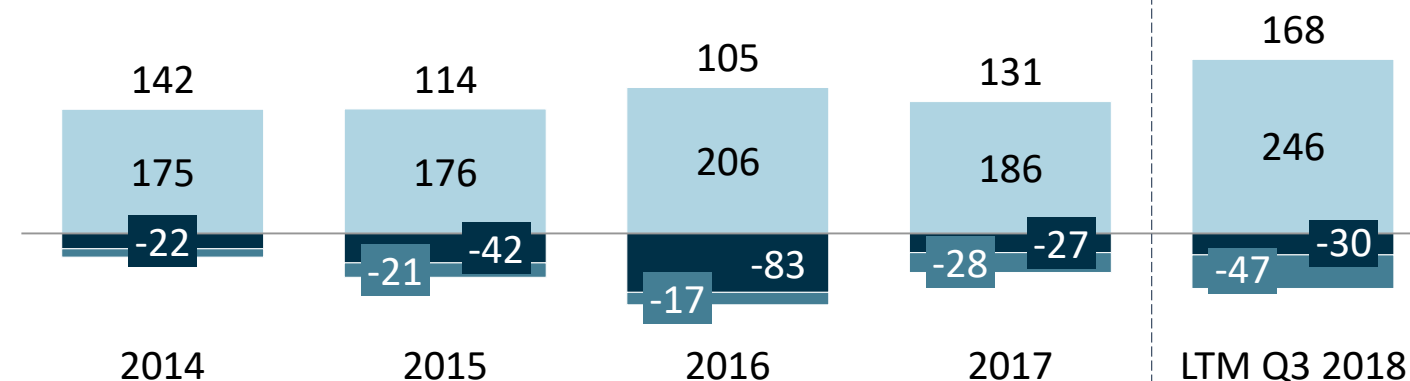
## Gross profit

NOK million



## Adjusted EBITDA¹

NOK million



- Continued gross profit growth in less established markets, with a 4.3x growth since 2015
- Adjusted EBITDA margin for less established markets continue to improve; LTM Q3 2018 is improved to -11%
- Expect to continue to drive gross profit growth while continuing trend of improving EBITDA margin

¹ Adjusted EBITDA is reported EBITDA less other income & expenses items netted under HQ, hence not reflected on Market Cluster / Business Area level

² Established Markets includes Nordic Markets and Growth Markets. Less Established Markets includes Start-Ups and US



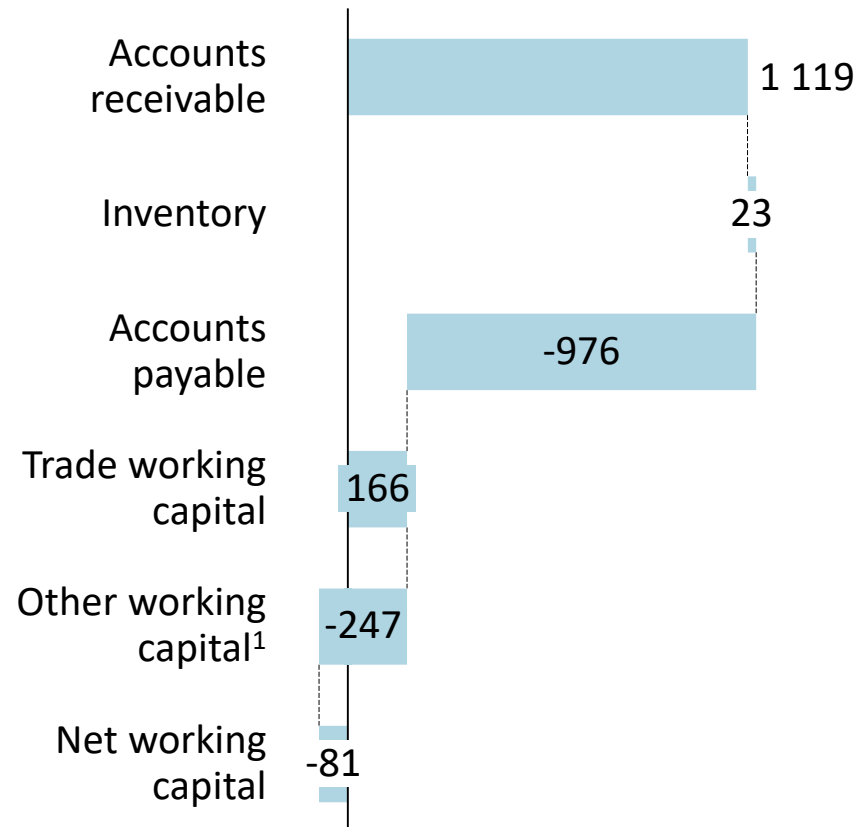
Q3 2018

# Working capital is seasonal, but consistently negative



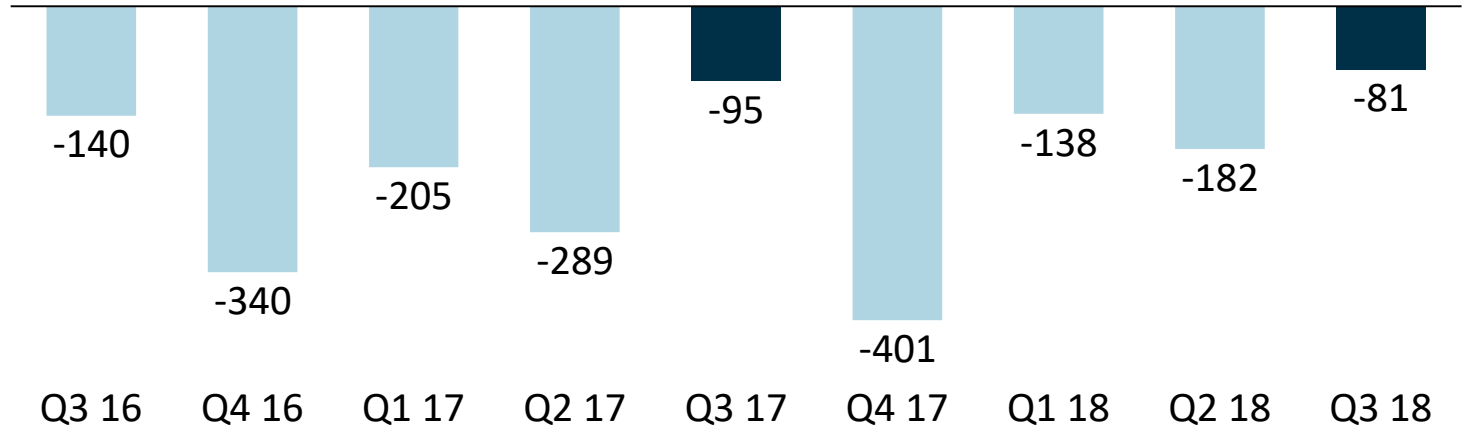
## 2018 Q3 net working capital

NOK million



## Net working capital over time

NOK million



- Q3 2018 net working capital is in line with Q2 2017 net working capital
- In Q2 2018, working capital was higher than normal due to strong sales end of quarter – this situation is now normalized

1 Other working capital includes other receivables, income tax payable, public duties payable and other short-term liabilities

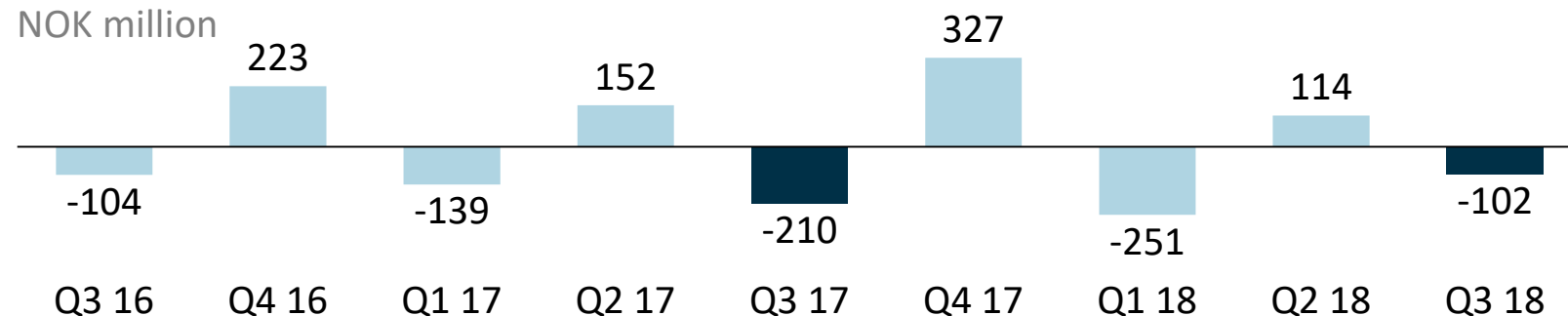
Q3 2018

# Cash flow from operations driven by working capital



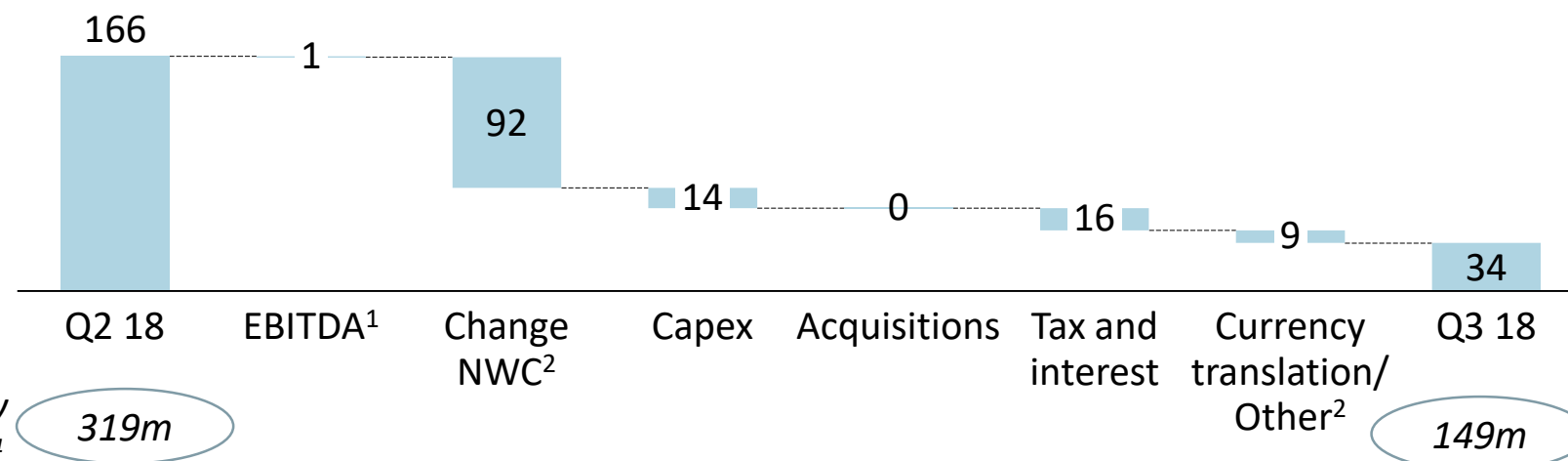
## Cash flow from operating activities

NOK million



## Q3 cash development

NOK million



- Cash flow from operations is seasonal and driven by changes to net working capital
- Less negative cash flow from operations than Q3 2017, driven by normalization of working capital situation
- Strong liquidity position through Q3 18 – daily average of available liquidity was NOK ~525m<sup>3</sup>, compared to NOK ~360m in Q3 17

<sup>1</sup> EBITDA (non-adjusted)

<sup>2</sup> As seen from the cash flow statement

<sup>3</sup> Average liquidity defined as the daily arithmetic average of available cash and undrawn RCF facility; available liquidity end of quarter was MNOK ~350

<sup>4</sup> Liquidity reserve is reported in the 'Alternative Performance Measures' section in the quarterly report, and is defined as the sum of freely available cash and available credit facilities

Q3 2018

# P&L - summary



NOKm	Q3 2017	Q3 2018	YTD Q3 17	YTD Q3 18
Operating revenue	1 249.7	1 611.8	5 010.0	6 592.8
Materials and supplies	-1 022.0	-1 301.8	-4 155.9	-5 564.2
<b>Gross profit</b>	<b>227.8</b>	<b>310.0</b>	<b>854.1</b>	<b>1 028.7</b>
Payroll and related costs	-204.5	-253.0	-676.9	-778.9
Other operating expenses	-32.6	-51.6	-104.3	-139.3
Other income and expenses	-10.7	-6.1	-11.2	-9.5
<b>Total operating expenses</b>	<b>-247.8</b>	<b>-310.7</b>	<b>-792.4</b>	<b>-927.7</b>
<b>EBITDA</b>	<b>-20.1</b>	<b>-0.8</b>	<b>61.7</b>	<b>100.9</b>
Depreciation	-2.4	-3.0	-7.2	-8.1
Amortization	-13.8	-16.4	-40.0	0.0
Goodwill impairment	0.0	0.0	-1.3	0.0
<b>EBIT</b>	<b>-36.2</b>	<b>-20.2</b>	<b>13.1</b>	<b>45.3</b>
Net financial expense	-27.2	-14.6	-79.5	-33.6
<b>Ordinary result before tax</b>	<b>-63.4</b>	<b>-34.8</b>	<b>-66.3</b>	<b>11.7</b>
Income tax expense on ordinary result	11.2	4.1	9.8	-5.4
<b>Net income</b>	<b>-52.2</b>	<b>-30.7</b>	<b>-56.5</b>	<b>6.3</b>
<b>Adjusted EBITDA reconciliation</b>				
Reported EBITDA	-20.1	-0.8	61.7	100.9
Other income and expenses	10.7	6.1	11.2	9.5
<b>Adjusted EBITDA</b>	<b>-9.3</b>	<b>5.3</b>	<b>72.9</b>	<b>110.4</b>

- Depreciation and amortization in line with plan, with amortizations increasing y-o-y due to historic development costs
- Net financial expenses decreases following refinancing of bond / deleverage after IPO
- Income tax expenses in line with management expectations
- Adjusted EBITDA – adjustments of NOK 6.1 m in Q3 2018 primarily related to share-based compensation

Q3 2018

# Balance sheet and net interest bearing debt



NOKm	30.09.2017	30.09.2018
<b>Assets</b>		
Inventory	13.6	23.1
Accounts receivable	769.8	1 119.3
Income tax, other receivables	43.4	65.2
Net cash and cash equivalents	-136.4	33.9
<b>Total current assets</b>	<b>690.3</b>	<b>1 241.4</b>
Technology, software and R&D	104.9	109.8
Contracts	85.9	68.5
Goodwill	819.4	824.5
Software licenses (IP)	7.4	1.0
Deferred tax assets	0.0	54.5
Equipment	19.8	24.8
Other receivables	3.4	8.3
<b>Total non-current assets</b>	<b>1 040.8</b>	<b>1 091.3</b>
<b>Total assets</b>	<b>1 731.1</b>	<b>2 332.8</b>
<b>Equity and liabilities</b>		
<b>Total equity</b>	<b>219.0</b>	<b>558.5</b>
Short-term debt	0.0	0.0
Trade creditors	628.2	976.4
Public duties payable	109.6	88.7
Income tax, other current liabilities	184.5	223.3
<b>Total current liabilities</b>	<b>922.2</b>	<b>1 288.4</b>
Long-term debt	590.3	443.2
Deferred tax liabilities	-2.0	31.2
Other long-term liabilities	1.5	11.6
<b>Total long-term liabilities</b>	<b>589.9</b>	<b>485.9</b>
<b>Total liabilities</b>	<b>1 512.1</b>	<b>1 774.3</b>
<b>Total equity &amp; liabilities</b>	<b>1 731.1</b>	<b>2 332.8</b>

Net interest bearing debt - NOKm	30.09.2017	30.09.2018
Long-term interest bearing debt	605.5	452.8
Cash and cash equivalents	136.4	-33.9
Restricted cash	8.2	9.6
<b>Net interest bearing debt (NIBD)</b>	<b>750.1</b>	<b>428.5</b>

- As a reminder, Q3 2017 represents the balance sheet before IPO and the subsequent equity claw-back on the bond
- Long-term debt (CRAYON02) matures in April 2020 with outstanding principal of NOK 450m
- In addition, Crayon has a NOK 200m RCF – approx. 30 MNOK drawdown as of Q3 2018
- Trade working capital increased with NOK 11m compared to Q3 2017 driven by strong sales, while other working capital increased with 4 MNOK

1 The Company reports its cash balance net of drawdown on its revolving credit facility ("RCF")

2 Approx. NOK 556m of goodwill as of year-end 2016 relates to the Oslo Stock Exchange delisting of Inmeta-Crayon in 2012

3 Note that bond transactional costs of around NOK 10m are capitalized, and accretion expensed over the lifetime of the bond, cf. IAS 39

4 Based on estimated total IPO costs of NOK 35m, as communicated in prospectus



Q3 2018

# Cash flow development



NOKm	Q3 2017	Q3 2018	YTD Q3 17	YTD Q3 18
Net income before tax	-63.4	-34.8	-66.3	11.7
Taxes paid	-3.3	-3.9	-14.1	-16.9
Depreciation and amortization, incl. write-down	16.2	19.5	48.6	55.6
Net interest to credit institutions	12.4	9.8	39.7	27.4
Changes in inventory, AR/AP <sup>1</sup>	-11.1	112.4	-155.0	-198.8
Changes in other current assets	-160.7	-204.5	-49.5	-117.6
<b>Net cash flow from operating activities</b>	<b>-210.0</b>	<b>-101.6</b>	<b>-196.8</b>	<b>-238.6</b>
<b>Net cash flow from financing activities</b>	<b>-115.4</b>	<b>-14.8</b>	<b>-132.9</b>	<b>-27.4</b>
Acquisition of assets	-11.4	-14.2	-36.0	-46.7
Acquisition of subsidiaries	0.0	0.0	0.0	-7.5
Divestments / Purchases of own shares / Other	0.0	0.0	0.0	0.0
<b>Net cash flow from investing activities</b>	<b>-11.4</b>	<b>-14.2</b>	<b>-36.0</b>	<b>-54.2</b>

- Q3 2018 cash flow from operations NOK 108m better than Q3 2017 as the high working capital situation end Q2 2018 has normalized during Q3 2018
- Capex in Q3 2018 of NOK 14.2m mainly related to investments in new ERP system and Cloud IQ

<sup>1</sup> AR = Accounts Receivable, AP = Accounts Payable

# Outlook

Q3 2018

Q3 2018

# In sum – Strong Q3 leads to updated guidance

 Updated from last quarter

	2017 actuals	LTM	2018 outlook	Medium term	Comment
Gross profit growth	+7.7%	+17.2%	+17-20%	~10%	2018/ medium term increased due to strong results from previous growth investments
Adjusted EBITDA as share of gross profit	10.7%	12.1%	12-13%	Gradually increase to 15%	Range narrowed given improved visibility
NWC <sup>1</sup>	-20.4%	-14.4%	~-15%	Around -15%	Strong GP growth leads to updated guidance
Capex	NOK 51 mn	NOK 60 mn	NOK 60 mn	NOK 40-45 mn	Increase driven by pilot roll-out of the new ERP system in Q4

<sup>1</sup> Average NWC last 4 quarters as share of gross profit last 4 quarters



# Q&A session

# Investor Relations

## Main communications channels

- Crayon IR webpages  
<https://www.crayon.com/en/about-us/investor-relations/>
  - Group fact & figures
  - Reports & Presentations
  - Share and bond information
- Newsweb

## Financial calendar 2018:

- 12.02.2019 - Quarterly Report - Q4

## Financial calendar 2019:

- To be published in December

## Analysts covering Crayon:

Company	Analyst	Telephone
Carnegie	Hans Rettedal Christiansen	<a href="tel:+4722009321">+47 22 00 93 21</a>
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# Datapack

# Introduction to key P&L drivers

NOK million	2014	2015	2016	2017
<b>Operating revenue</b>	<b>3 731.8</b>	<b>4 687.9</b>	<b>6 015.2</b>	<b>7 301.7</b>
<i>Growth</i>		25.6%	28.3%	21.4%
Materials and supplies	-2 905.5	-3 773.0	-4 886.8	-6 086.9
<b>Gross profit</b>	<b>826.3</b>	<b>914.9</b>	<b>1,128.4</b>	<b>1,215.8</b>
<i>Gross margin</i>	22.1%	19.5%	18.8%	16.7%
Payroll and related costs	-586.3	-668.3	-877.9	-940.5
Other operating expenses	-102.1	-149.1	-158.8	-144.7
<b>Total operating expenses</b>	<b>-688.4</b>	<b>-817.4</b>	<b>-1,036.7</b>	<b>-1,085.2</b>
<b>EBITDA</b>	<b>137.8</b>	<b>97.5</b>	<b>91.7</b>	<b>103.8</b>
<i>EBITDA % of gross profit</i>	16.7%	10.7%	8.1%	8.5%
Exceptional items	4.0	16.3	13.5	26.8
<b>Adjusted EBITDA</b>	<b>141.8</b>	<b>113.7</b>	<b>105.2</b>	<b>130.6</b>
<i>Adj. EBITDA % of gross profit</i>	17.2%	12.4%	9.3%	10.7%

#FTEs

700

807

945

1,009

- Revenue will be subject to fluctuations that do not impact absolute gross profit level as customers shift between direct and indirect billing<sup>1</sup>

## Revenue model

### Services

- 3-5 years managed service agreements (SAM)
- Frame agreements
- Hours sold

### Software

- ~3 year subscription/ARPU model where a certain percentage is contractually recurring
- Frame agreements
- Traditional licensing deals (one-time fee)

### Services

- Number of FTEs
- Hourly rate / Fixed price agreements
- Utilization
- Recurring agreements

### Software

- Number of FTEs
- Gross profit per FTE
  - Vendor, product, new vs. existing customers etc.

- Payroll and related costs driven by number of FTEs – of which ~15-20% is variable salary
- Other opex driven by size and geographical width of organization
- Other opex primarily consisting of rented premises (~25%), professional services e.g. accounting and legal (~25%), travel (~20%) and IT and office equipment (~15%)

- Adjusted EBITDA as percentage of gross profit a suitable metric for comparison across Market Clusters and Business Areas due to gross margin variation

# Income statement



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<b>Operating revenue</b>	<b>6 015.2</b>	<b>1 358.5</b>	<b>2 401.7</b>	<b>1 249.7</b>	<b>2 291.7</b>	<b>7 301.7</b>	<b>1 855.7</b>	<b>3 125.3</b>	<b>1 611.8</b>
<i>Growth</i>	28.3%	9.4%	23.1%	25.5%	25.4%	21.4%	36.6%	68.4%	29.0%
Materials and supplies	-4 886.8	-1 088.7	-2 045.2	-1 022.0	-1 930.1	-6 085.9	-1 545.5	-2 716.9	-1 301.8
<b>Gross profit</b>	<b>1 128.4</b>	<b>269.8</b>	<b>356.6</b>	<b>227.8</b>	<b>361.7</b>	<b>1 215.8</b>	<b>310.2</b>	<b>408.5</b>	<b>310.0</b>
<i>Gross margin</i>	18.8%	19.9%	14.8%	18.2%	15.8%	16.7%	16.7%	13.1%	19.2%
Payroll and related costs	-877.9	-228.4	-244.0	-204.5	-273.6	-950.6	-258.9	-269.5	-253.0
Other operating expenses	-158.8	-36.7	-35.5	-43.3	-45.9	-161.4	-41.1	-47.2	-51.6
<b>Total operating expenses</b>	<b>-1 036.7</b>	<b>-265.2</b>	<b>-279.4</b>	<b>-247.8</b>	<b>-319.5</b>	<b>-1 111.9</b>	<b>-299.7</b>	<b>-317.3</b>	<b>-310.7</b>
<b>EBITDA</b>	<b>91.7</b>	<b>4.7</b>	<b>77.1</b>	<b>-20.1</b>	<b>42.1</b>	<b>103.8</b>	<b>10.5</b>	<b>91.2</b>	<b>-0.8</b>
<i>EBITDA margin</i>	1.5%	0.3%	3.2%	-1.6%	1.8%	1.4%	0.6%	2.9%	0.0%
Depreciation	-9.2	-2.4	-2.4	-2.4	-2.5	-9.7	-2.5	-2.6	-3.0
Amortization	-80.9	-12.8	-13.4	-13.8	-20.7	-60.7	-15.2	-15.9	-16.4
Goodwill impairment	-8.9	0.0	-1.3	0.0	0.0	-1.3	0.0	0.0	0.0
<b>EBIT</b>	<b>-7.3</b>	<b>-10.6</b>	<b>60.0</b>	<b>-36.2</b>	<b>19.0</b>	<b>32.2</b>	<b>-7.2</b>	<b>72.7</b>	<b>-20.2</b>
<i>EBIT margin</i>	-0.1%	-0.8%	2.5%	-2.9%	0.8%	0.4%	-0.4%	2.3%	-1.3%
Financial income	35.8	35.0	17.5	27.7	34.0	114.3	25.3	4.9	-0.9
Financial expense	-68.3	-51.2	-53.7	-54.9	-40.4	-200.1	-36.3	-12.9	-13.7
<b>Net financial expense</b>	<b>-32.5</b>	<b>-16.2</b>	<b>-36.2</b>	<b>-27.2</b>	<b>-6.3</b>	<b>-85.8</b>	<b>-11.0</b>	<b>-8.0</b>	<b>-14.6</b>
<b>Ordinary result before tax</b>	<b>-39.8</b>	<b>-26.8</b>	<b>23.8</b>	<b>-63.4</b>	<b>12.7</b>	<b>-53.7</b>	<b>-18.2</b>	<b>64.7</b>	<b>-34.8</b>
Income tax expense on ordinary result	9.6	5.1	-6.4	11.2	10.7	11.1	-6.0	-15.6	4.1
<b>Net income</b>	<b>-30.2</b>	<b>-21.7</b>	<b>17.4</b>	<b>-52.2</b>	<b>2.0</b>	<b>-64.8</b>	<b>-12.2</b>	<b>49.2</b>	<b>-30.7</b>
<b>Adjusted EBITDA reconciliation</b>									
<b>Reported EBITDA</b>	<b>91.7</b>	<b>4.7</b>	<b>77.1</b>	<b>-20.1</b>	<b>42.1</b>	<b>103.8</b>	<b>10.5</b>	<b>91.2</b>	<b>-0.8</b>
Exceptional items <sup>1</sup>	13.5	0.3	0.2	10.7	15.6	26.8	2.8	0.6	6.1
<b>Adjusted EBITDA</b>	<b>105.2</b>	<b>4.9</b>	<b>77.3</b>	<b>-9.3</b>	<b>57.7</b>	<b>130.6</b>	<b>13.3</b>	<b>91.8</b>	<b>5.3</b>
<i>Adj. EBITDA % of gross profit</i>	9.3%	1.8%	21.7%	-4.1%	16.0%	10.7%	4.3%	22.5%	1.7%

<sup>1</sup> Exceptional items are one-off costs mainly related to strategy projects, restructurings, and the acquisition of businesses

# Balance sheet



NOK million	Q4 2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018
<b>Assets</b>								
Inventory	17.5	18.8	24.0	13.6	26.3	23.6	22.6	23.1
Accounts receivable	1 206.8	722.0	1 573.7	769.8	1 541.4	1 147.0	2 263.8	1 119.3
Income tax receivable	2.7	-	2.9	1.6	-	-	0.0	0.0
Other receivables	54.4	36.0	45.9	43.4	60.0	56.4	54.5	65.2
Net cash and cash equivalents <sup>1</sup>	227.9	66.5	204.7	-136.4	368.4	76.4	165.5	33.9
<b>Total current assets</b>	<b>1 509.4</b>	<b>849.4</b>	<b>1 851.2</b>	<b>692.0</b>	<b>1 996.2</b>	<b>1 303.5</b>	<b>2 506.4</b>	<b>1 241.4</b>
Technology, software and R&D	104.3	104.4	106.8	104.9	109.3	112.3	112.7	109.8
Contracts	101.0	96.1	92.2	85.9	83.3	77.9	73.3	68.5
Goodwill <sup>2</sup>	827.1	829.1	828.4	819.4	831.0	823.8	827.7	824.5
Software licenses (IP)	7.4	7.4	7.4	7.4	1.0	1.0	1.0	1.0
Deferred tax assets	29.6	33.8	28.7	29.4	33.8	54.1	49.9	54.5
Equipment	18.7	19.2	20.4	19.8	20.2	20.9	23.2	24.8
Other receivables	3.2	4.1	4.8	3.4	4.8	6.5	11.0	8.3
<b>Total non-current assets</b>	<b>1 091.3</b>	<b>1 094.1</b>	<b>1 088.8</b>	<b>1 070.0</b>	<b>1 083.5</b>	<b>1 096.5</b>	<b>1 098.8</b>	<b>1 091.3</b>
<b>Total assets</b>	<b>2 600.7</b>	<b>1 903.6</b>	<b>2 940.0</b>	<b>1 762.0</b>	<b>3 079.7</b>	<b>2 400.0</b>	<b>3 605.2</b>	<b>2 332.8</b>
<b>Equity and liabilities</b>								
Share capital	52.5	52.5	52.5	52.5	75.4	75.4	75.4	75.4
Own shares	-	-	-	-	-	-	-	-
Share premium reserve	262.3	262.3	262.3	262.3	588.1	588.1	588.1	588.1
Other equity	-53.6	-69.4	-50.0	-99.0	-105.6	-123.7	-82.0	-111.2
Minority interest	11.2	7.0	8.9	3.2	8.2	9.5	11.1	6.2
<b>Total equity</b>	<b>272.4</b>	<b>252.4</b>	<b>273.7</b>	<b>219.0</b>	<b>566.0</b>	<b>549.3</b>	<b>592.5</b>	<b>558.5</b>
Short-term debt	661.0	661.1	100.5	-	-	-	0.0	0.0
Trade creditors	1 224.1	660.5	1 453.6	628.2	1 600.6	1 019.4	2 008.0	976.4
Public duties payable	186.9	119.0	254.5	109.6	229.1	156.1	254.2	88.7
Other current liabilities	210.0	202.7	227.0	186.0	194.4	182.9	260.9	223.3
<b>Total current liabilities</b>	<b>2 282.0</b>	<b>1 643.3</b>	<b>2 035.6</b>	<b>923.8</b>	<b>2 029.0</b>	<b>1 364.6</b>	<b>2 523.1</b>	<b>1 288.4</b>
Long-term debt	0.0	0.0	591.7	590.3	445.7	444.2	442.3	443.2
Deferred tax liabilities	44.8	6.3	37.6	27.4	31.8	34.7	32.9	31.2
Other long-term liabilities	1.5	1.6	1.4	1.5	7.2	7.2	14.4	11.6
<b>Total long-term liabilities</b>	<b>46.3</b>	<b>7.9</b>	<b>630.7</b>	<b>619.2</b>	<b>484.7</b>	<b>486.1</b>	<b>489.6</b>	<b>485.9</b>
<b>Total liabilities</b>	<b>2 328.3</b>	<b>1 651.2</b>	<b>2 666.3</b>	<b>1 543.0</b>	<b>2 513.7</b>	<b>1 850.7</b>	<b>3 012.7</b>	<b>1 774.3</b>
<b>Total equity &amp; liabilities</b>	<b>2 600.7</b>	<b>1 903.6</b>	<b>2 940.0</b>	<b>1 762.0</b>	<b>3 079.7</b>	<b>2 400.0</b>	<b>3 605.2</b>	<b>2 332.8</b>

<sup>1</sup> The Company reports its cash balance net of drawdown on its revolving credit facility ("RCF")

<sup>2</sup> Approx. NOK 556m of goodwill as of year-end 2016 relates to the Oslo Stock Exchange delisting of Inmeta-Crayon in 2012



# Cash flow statement



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<i>Cash flow from operating activities</i>									
Net income before tax	-39.8	-26.8	23.8	-63.4	12.7	-53.7	-18.2	64.7	-34.8
Taxes paid	-17.6	-9.5	-1.4	-3.3	2.3	-11.9	-6.6	-6.4	-3.9
Depreciation and amortization	99.0	15.3	17.1	16.2	23.1	71.7	17.7	18.5	19.5
Net interest to credit institutions	49.4	12.3	15.1	12.4	10.9	50.6	8.8	8.8	9.8
Changes in inventory, accounts receivable/payable	77.8	-80.1	-63.9	-11.1	188.1	33.1	-184.1	-127.1	112.4
Changes in other current assets	-29.1	-50.4	161.6	-160.7	112.5	63.0	-68.9	155.7	-204.5
<b>Net cash flow from operating activities</b>	<b>139.7</b>	<b>-139.1</b>	<b>152.3</b>	<b>-210.0</b>	<b>349.6</b>	<b>152.8</b>	<b>-251.2</b>	<b>114.2</b>	<b>-101.6</b>
<i>Cash flow from investing activities</i>									
Acquisition of assets	-51.2	-10.1	-14.5	-11.4	-14.8	-50.8	-18.3	-14.3	-14.2
Acquisition of subsidiaries (cash paid net of cash in acquired entity)	-29.6	0.0	0.0	0.0	-22.7	-22.7	-3.2	-4.3	0.0
Divestments	0.1	0.0	0.0	0.0	-	-	-	-	0.0
<b>Net cash flow from investing activities</b>	<b>-80.7</b>	<b>-10.1</b>	<b>-14.5</b>	<b>-11.4</b>	<b>-37.5</b>	<b>-73.5</b>	<b>-21.4</b>	<b>-18.6</b>	<b>-14.2</b>
<i>Cash flow from financing activities</i>									
Net interest paid to credit institutions	-51.1	-12.7	-14.9	-13.6	-15.7	-57.0	-9.8	-10.0	-11.9
New equity					348.6	348.6	-	-	-
Change in subsidiaries	0.0	0.0	0.0	0.0	-	-	-	-	-
Proceeds from issuance of interest bearing debt	0.0	0.0	591.6	-1.9	-	589.7	-	-	-
Repayment of interest-bearing debt	-0.1	0.0	-571.8	-100.5	-155.3	-827.7	-	-	-
Change in other long-term debt	-3.6	0.1	-9.7	0.6	5.6	-3.4	-	7.1	-2.9
Purchase of own shares	0.0	0.0	0.0	0.0	-	-	-	-	-
<b>Net cash (used in) provided by financing activities</b>	<b>-54.8</b>	<b>-12.6</b>	<b>-4.8</b>	<b>-115.4</b>	<b>183.2</b>	<b>50.3</b>	<b>-9.8</b>	<b>-2.9</b>	<b>-14.8</b>
Net increase (decrease) in cash and cash equivalents	4.2	-161.8	133.0	-336.8	495.3	129.7	-282.4	92.7	-130.6
Cash and cash equivalents at beginning of period	236.3	227.9	66.5	204.7	-136.4	227.9	368.4	76.4	165.5
Currency translation on cash and cash equivalents	-12.6	0.5	5.2	-4.3	9.6	10.9	-9.6	-3.7	-1.1
<b>Cash and cash equivalents at end of period</b>	<b>227.9</b>	<b>66.5</b>	<b>204.7</b>	<b>-136.4</b>	<b>368.4</b>	<b>368.4</b>	<b>76.4</b>	<b>165.5</b>	<b>33.9</b>



# Income statement by market cluster



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<i>Revenue</i>									
Nordic Markets	3 767.9	869.8	1 106.7	600.2	1 323.8	3 900.5	1 127.9	1 434.9	771.9
Growth Markets	1 243.5	230.7	697.8	428.4	545.6	1 902.5	357.9	1 017.9	443.4
Start-Ups	890.9	202.8	483.3	171.6	334.8	1 192.6	273.1	483.6	279.9
USA	178.8	72.3	139.6	66.3	93.6	371.8	127.1	225.5	147.9
HQ	67.9	5.8	27.7	19.3	35.0	87.8	18.7	22.6	26.2
Eliminations	-133.8	-22.9	-53.4	-36.1	-41.0	-153.4	-49.0	-59.3	-57.6
<b>Total revenue</b>	<b>6 015.2</b>	<b>1 358.5</b>	<b>2 401.7</b>	<b>1 249.7</b>	<b>2 291.7</b>	<b>7 301.7</b>	<b>1 855.7</b>	<b>3 125.3</b>	<b>1 611.8</b>
<i>Gross profit</i>									
Nordic Markets	757.7	175.1	212.2	138.1	235.3	760.6	197.0	248.8	174.8
Growth Markets	182.8	42.3	68.5	34.0	59.2	204.0	51.8	78.4	48.4
Start-Ups	70.6	18.9	34.7	23.2	28.1	105.0	26.2	38.5	38.2
USA	100.7	32.1	40.5	29.9	30.5	133.0	33.8	39.6	39.9
HQ	53.9	13.3	13.6	15.0	21.7	63.5	14.8	15.9	20.3
Eliminations	-37.2	-11.9	-12.9	-12.4	-13.0	-50.2	-13.3	-12.7	-11.5
<b>Total gross profit</b>	<b>1 128.4</b>	<b>269.8</b>	<b>356.6</b>	<b>227.8</b>	<b>361.7</b>	<b>1 215.8</b>	<b>310.2</b>	<b>408.5</b>	<b>310.0</b>
<i>EBITDA</i>									
Nordic Markets	204.4	29.3	60.9	18.6	72.2	181.0	41.5	93.3	36.9
Growth Markets	1.3	-4.2	16.3	-11.9	4.3	4.6	-5.5	13.6	-10.5
Start-Ups	-33.0	-8.1	4.9	-5.4	-5.3	-13.9	-5.5	3.1	-3.6
USA	-50.1	-4.1	3.5	-9.0	-3.6	-13.2	-4.5	0.8	-11.4
HQ	-17.4	-8.0	-8.2	-1.7	-9.9	-27.9	-12.7	-18.9	-5.9
Eliminations	0.0	0.0	0.0	0.0	-	-	-	-	-
<b>Adjusted EBITDA<sup>1</sup></b>	<b>105.2</b>	<b>4.9</b>	<b>77.3</b>	<b>-9.3</b>	<b>57.7</b>	<b>130.6</b>	<b>13.3</b>	<b>91.8</b>	<b>5.3</b>

<sup>1</sup> Other income and expense items netted under "HQ"

# Income statement by business area



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<b>Revenue</b>									
SAM	291.2	75.2	85.4	67.6	82.4	310.7	78.8	83.7	85.4
Consulting	403.4	101.0	101.4	87.5	123.9	413.9	121.9	133.7	113.8
Software (Direct)	3 935.7	790.0	1 774.5	694.9	1 597.0	4 856.5	1 156.0	2 317.6	843.9
Software (Indirect)	1 441.2	394.2	473.3	414.7	492.5	1 774.7	526.2	622.0	595.3
Admin	77.5	21.0	20.4	21.0	36.9	99.4	21.8	27.6	30.9
Eliminations	-133.8	-22.9	-53.4	-36.1	-41.0	-153.4	-49.0	-59.3	-57.6
<b>Total revenue</b>	<b>6 015.2</b>	<b>1 358.5</b>	<b>2 401.7</b>	<b>1 249.7</b>	<b>2 291.7</b>	<b>7 301.7</b>	<b>1 855.7</b>	<b>3 125.3</b>	<b>1 611.8</b>
<b>Gross profit</b>									
SAM	262.0	68.4	76.3	62.6	75.0	282.2	72.9	76.0	73.0
Consulting	301.2	76.3	74.9	65.4	89.5	306.1	89.8	96.4	85.2
Software (Direct)	429.1	87.5	166.4	65.1	151.4	470.4	107.8	188.6	95.6
Software (Indirect)	110.5	32.1	35.6	30.6	35.1	133.4	35.4	40.0	44.4
Admin	62.8	17.3	16.4	16.5	23.7	73.9	17.6	20.1	23.3
Eliminations	-37.2	-11.9	-12.9	-12.4	-13.0	-50.2	-13.3	-12.7	-11.5
<b>Total gross profit</b>	<b>1 128.4</b>	<b>269.8</b>	<b>356.6</b>	<b>227.8</b>	<b>361.7</b>	<b>1 215.8</b>	<b>310.2</b>	<b>408.5</b>	<b>310.0</b>
<b>EBITDA</b>									
SAM	13.4	8.5	12.7	-0.4	7.1	27.9	7.1	6.4	-1.6
Consulting	33.6	5.9	1.2	7.4	11.2	25.8	9.5	13.6	10.7
Software (Direct)	139.1	19.9	93.5	5.0	70.7	189.0	30.8	107.0	15.2
Software (Indirect)	50.3	13.5	15.6	11.4	9.5	50.1	11.5	16.3	19.2
Admin	-131.2	-42.9	-45.6	-32.6	-40.9	-162.1	-45.5	-51.4	-38.2
Eliminations	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
<b>Adjusted EBITDA<sup>1</sup></b>	<b>105.2</b>	<b>4.9</b>	<b>77.3</b>	<b>-9.3</b>	<b>57.7</b>	<b>130.6</b>	<b>13.3</b>	<b>91.8</b>	<b>5.3</b>

<sup>1</sup> Other income and expense items netted under "Admin"

# Revenue – Market cluster by business area



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<b>Nordic Markets</b>									
Services	498.0	121.4	126.7	105.9	149.4	503.4	143.7	153.4	134.7
Software	3 261.0	745.2	978.8	493.8	1 173.5	3 391.3	982.6	1 279.3	636.7
Admin	8.9	3.2	1.2	0.5	0.9	5.8	1.6	2.2	0.6
<b>Nordic Markets revenue</b>	<b>3 767.9</b>	<b>869.8</b>	<b>1 106.7</b>	<b>600.2</b>	<b>1 323.8</b>	<b>3 900.5</b>	<b>1 127.9</b>	<b>1 434.9</b>	<b>771.9</b>
<b>Growth Markets</b>									
Services	82.3	19.1	18.1	15.7	21.5	74.5	20.7	22.2	17.6
Software	1 152.8	209.7	678.6	411.6	523.6	1 823.5	336.4	994.8	423.3
Admin	8.4		1.1	1.0	0.5	4.5	0.9	0.9	2.5
<b>Growth Markets revenue</b>	<b>1 243.5</b>	<b>230.7</b>	<b>697.8</b>	<b>428.4</b>	<b>545.6</b>	<b>1 902.5</b>	<b>357.9</b>	<b>1 017.9</b>	<b>443.4</b>
<b>Start-Ups</b>									
Services	24.5	5.8	8.5	6.7	8.9	29.8	7.0	10.8	11.6
Software	865.8	196.9	474.6	164.9	325.9	1,162.2	265.6	472.1	267.9
Admin	0.6	1.9	0.3	0.0	0.1	0.5	0.5	0.7	0.5
<b>Start-Ups revenue</b>	<b>890.9</b>	<b>202.8</b>	<b>483.3</b>	<b>171.6</b>	<b>334.8</b>	<b>1 192.6</b>	<b>273.1</b>	<b>483.6</b>	<b>279.9</b>
<b>USA</b>									
Services	89.8	29.9	33.6	26.8	26.5	116.8	29.4	31.1	35.4
Software	87.0	42.2	105.9	39.3	66.6	254.1	97.7	194.5	111.7
Admin	2.0	0.2	0.1	0.1	0.5	0.9	0.1	-0.8	0.8
<b>USA revenue</b>	<b>178.8</b>	<b>72.3</b>	<b>139.6</b>	<b>66.3</b>	<b>93.6</b>	<b>371.8</b>	<b>127.1</b>	<b>225.6</b>	<b>147.9</b>
<b>HQ</b>									
Services	-0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-
Software	10.2	-9.9	9.9	-0.0	-	0.1	0.0	-1.2	-0.3
Admin	57.7	15.6	17.8	19.3	35.0	87.7	18.7	23.8	26.6
<b>HQ revenue</b>	<b>67.9</b>	<b>5.8</b>	<b>27.7</b>	<b>19.3</b>	<b>35.0</b>	<b>87.8</b>	<b>18.7</b>	<b>22.6</b>	<b>26.2</b>
<b>Group</b>									
Services	694.6	176.2	186.9	155.2	206.3	724.5	200.7	217.4	199.2
Software	5 376.9	1 184.2	2 247.8	1 109.6	2 089.5	6 631.1	1 682.2	2 939.6	1 439.3
Admin	77.5	21.0	20.4	21.0	36.9	99.4	21.8	49.4	30.9
Eliminations	-133.8	-22.9	-53.4	-36.1	-41.0	-153.4	-49.0	-108.3	-57.6
<b>Group revenue</b>	<b>6 015.2</b>	<b>1 358.5</b>	<b>2 401.7</b>	<b>1 249.7</b>	<b>2 291.7</b>	<b>7 301.7</b>	<b>1 855.7</b>	<b>3 125.3</b>	<b>1 611.8</b>

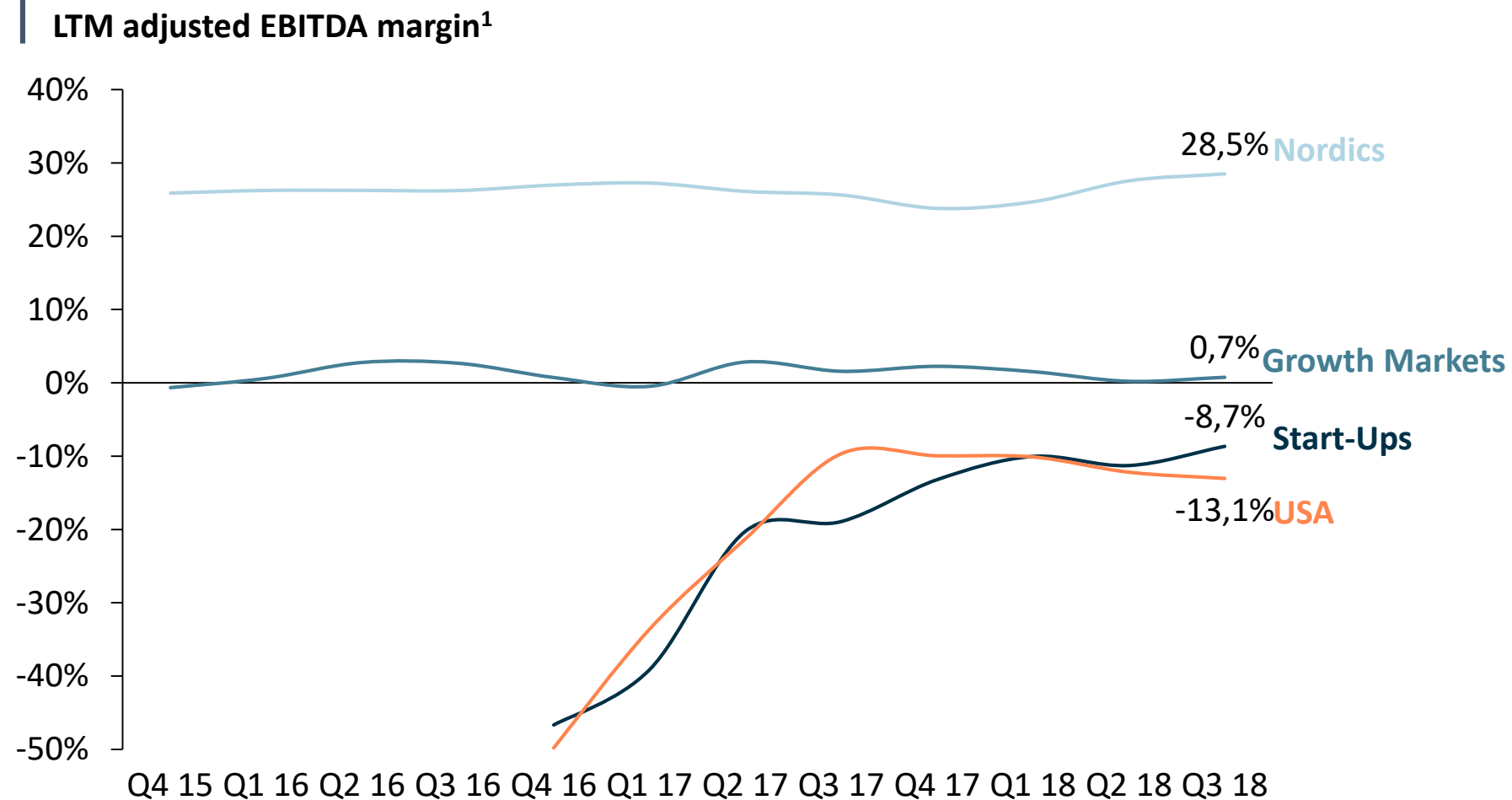
# Gross profit – Market cluster by business area



NOK million	2016	Q1 2017	Q2 2017	Q3 2017	Q4 2017	2017	Q1 2018	Q2 2018	Q3 2018
<b>Nordic Markets</b>									
Services	386.3	93.8	95.2	82.1	112	383.1	109.8	115.4	102.6
Software	364.4	78.6	116.4	55.6	122.5	373.1	86.0	131.5	71.7
Admin	6.9	2.7	0.6	0.4	0.8	4.5	1.2	1.9	0.5
<b>Nordic Markets gross profit</b>	<b>757.7</b>	<b>175.1</b>	<b>212.2</b>	<b>138.1</b>	<b>235.2</b>	<b>760.6</b>	<b>197.0</b>	<b>248.8</b>	<b>174.8</b>
<b>Growth Markets</b>									
Services	75.8	18.2	17.5	14.7	20.1	70.5	19.0	19.2	16.1
Software	99.2	22.2	49.9	18.3	38.7	129.1	31.9	58.3	30.9
Admin	7.7	1.9	1.1	1.0	0.3	4.3	0.9	0.9	1.3
<b>Growth Markets gross profit</b>	<b>182.8</b>	<b>42.3</b>	<b>68.5</b>	<b>34.0</b>	<b>59.2</b>	<b>204.0</b>	<b>51.8</b>	<b>78.4</b>	<b>48.4</b>
<b>Start-Ups</b>									
Services	20.2	5.5	7.2	5.9	7.3	25.9	6.3	9.9	9.1
Software	50.3	13.3	27.3	17.3	20.7	78.6	19.6	28.3	29.0
Admin	0.1	0.2	0.3	0.0	0	0.5	0.3	0.3	0.1
<b>Start-Ups gross profit</b>	<b>70.6</b>	<b>18.9</b>	<b>34.7</b>	<b>23.2</b>	<b>28.2</b>	<b>105.0</b>	<b>26.2</b>	<b>38.5</b>	<b>38.2</b>
<b>USA</b>									
Services	80.8	27.3	31.2	25.3	25.1	108.9	27.6	28.0	30.4
Software	20.9	4.7	9.2	4.6	4.7	23.2	6.1	11.7	8.7
Admin	-1.0	0.2	0.1	0.1	0.5	0.9	0.1	-0.8	0.8
<b>USA gross profit</b>	<b>100.7</b>	<b>32.1</b>	<b>40.5</b>	<b>29.9</b>	<b>30.5</b>	<b>133.0</b>	<b>33.8</b>	<b>39.6</b>	<b>39.9</b>
<b>HQ</b>									
Services	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.0
Software	4.8	0.9	-0.8	-0.0	-0.3	-0.2	-0.4	-1.2	-0.3
Admin	49.0	12.4	14.4	15.0	21.9	63.7	15.2	17.1	20.6
<b>HQ gross profit</b>	<b>53.9</b>	<b>13.3</b>	<b>13.6</b>	<b>15.0</b>	<b>21.6</b>	<b>63.5</b>	<b>14.8</b>	<b>15.9</b>	<b>20.3</b>
<b>Group</b>									
Services	563.2	144.8	151.1	128.0	164.4	588.3	162.7	172.4	158.2
Software	539.6	119.6	201.9	95.7	186.6	603.8	143.2	228.6	140.0
Admin	62.8	17.3	16.4	16.5	13.5	63.7	17.6	20.1	23.3
Eliminations	-37.2	-11.9	-12.9	-12.4	-13	-50.2	-13.3	-12.7	-11.5
<b>Group gross profit</b>	<b>1 128.4</b>	<b>269.8</b>	<b>356.6</b>	<b>227.8</b>	<b>361.6</b>	<b>1 215.8</b>	<b>310.2</b>	<b>408.5</b>	<b>310.0</b>



# LTM adjusted EBITDA margin



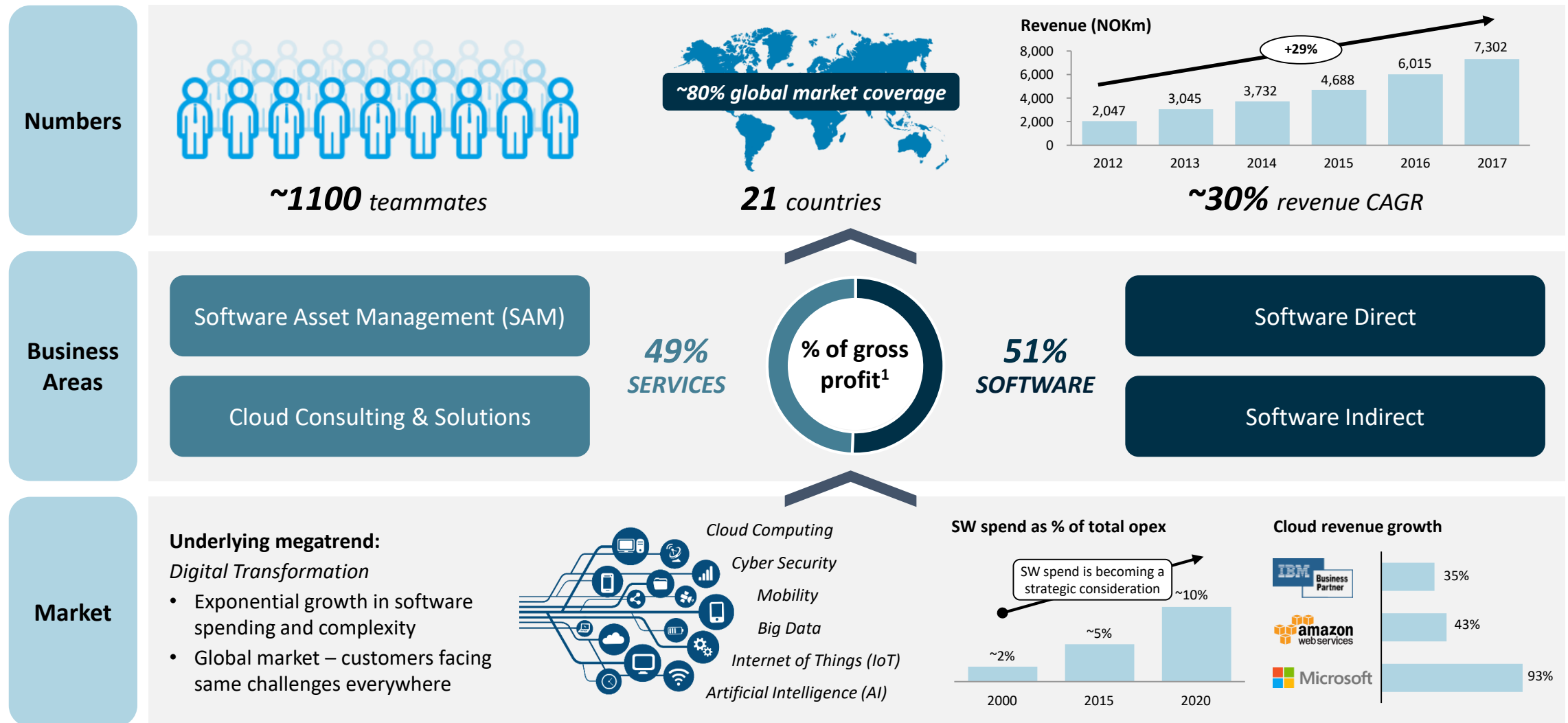
- Strong commercial performance in Nordics further improves EBITDA margin
- Growth Markets EBITDA margin reflects continued investments in resources to drive growth
- USA, Start-Ups margin expected to improve as operations scale up and establish market position



# Appendix



# Crayon at a glance



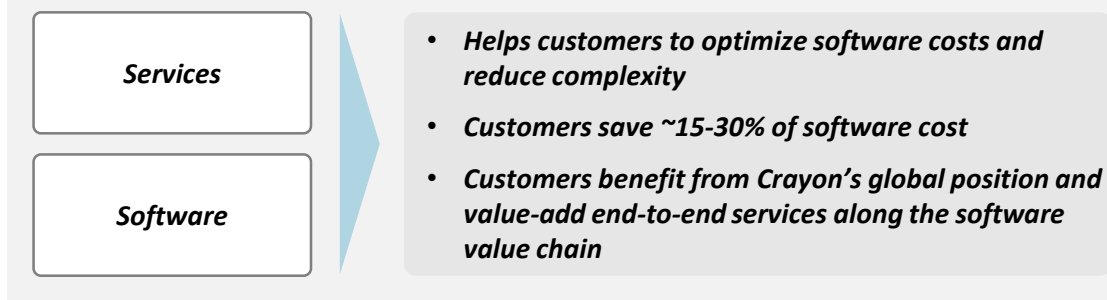
# Crayon – a fast growing global software and services expert



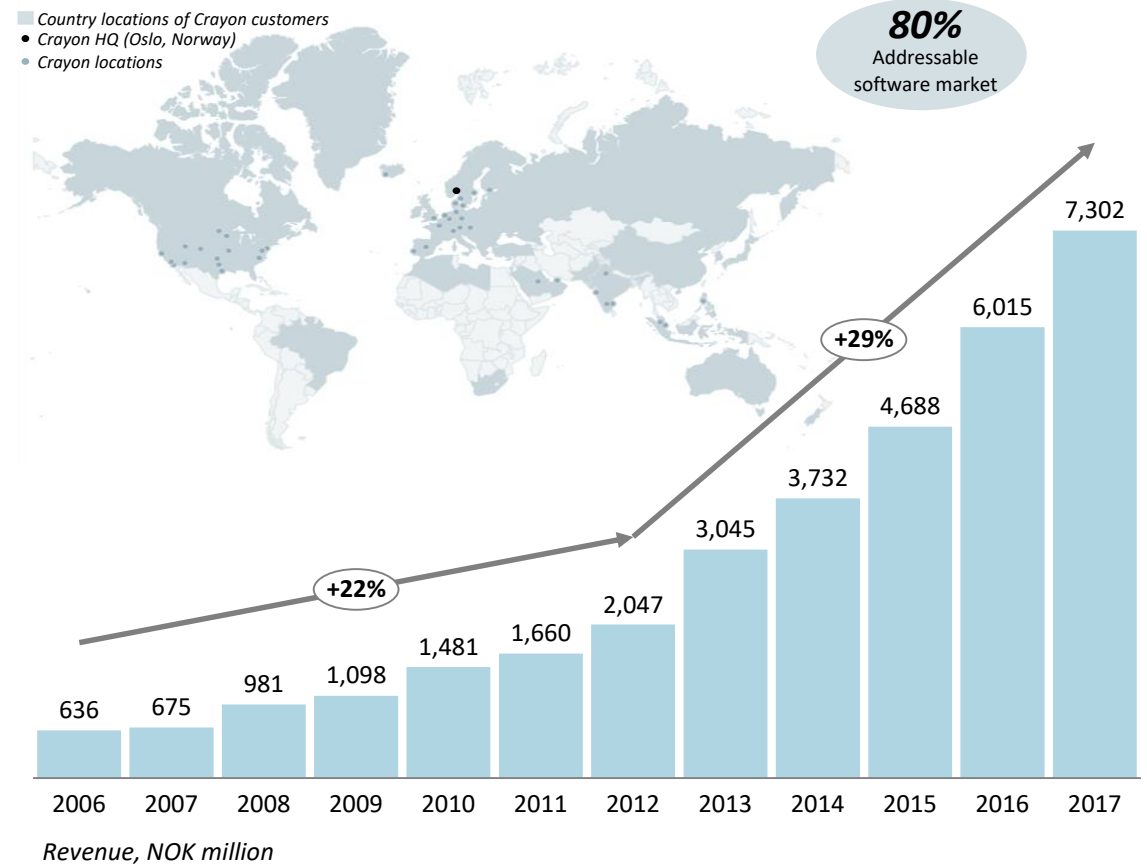
## Company at a glance

- Founded in 2002 with headquarters in Oslo, Norway
- Publicly listed company in 2017
- ~1,200 employees and ~8,500 customers of which more than 40% public<sup>1</sup>
- Strategic partnerships with the largest software vendors globally
- Extensive IP portfolio yielding competitive advantages
- Presence in 21 countries covering 80% of addressable market
- Revenues of NOK 7.3bn with high growth and strong cash conversion

## Offering and value proposition



## An international growth story with strengthening momentum



*Crayon is a trusted advisor for customers in their digital transformation journey*

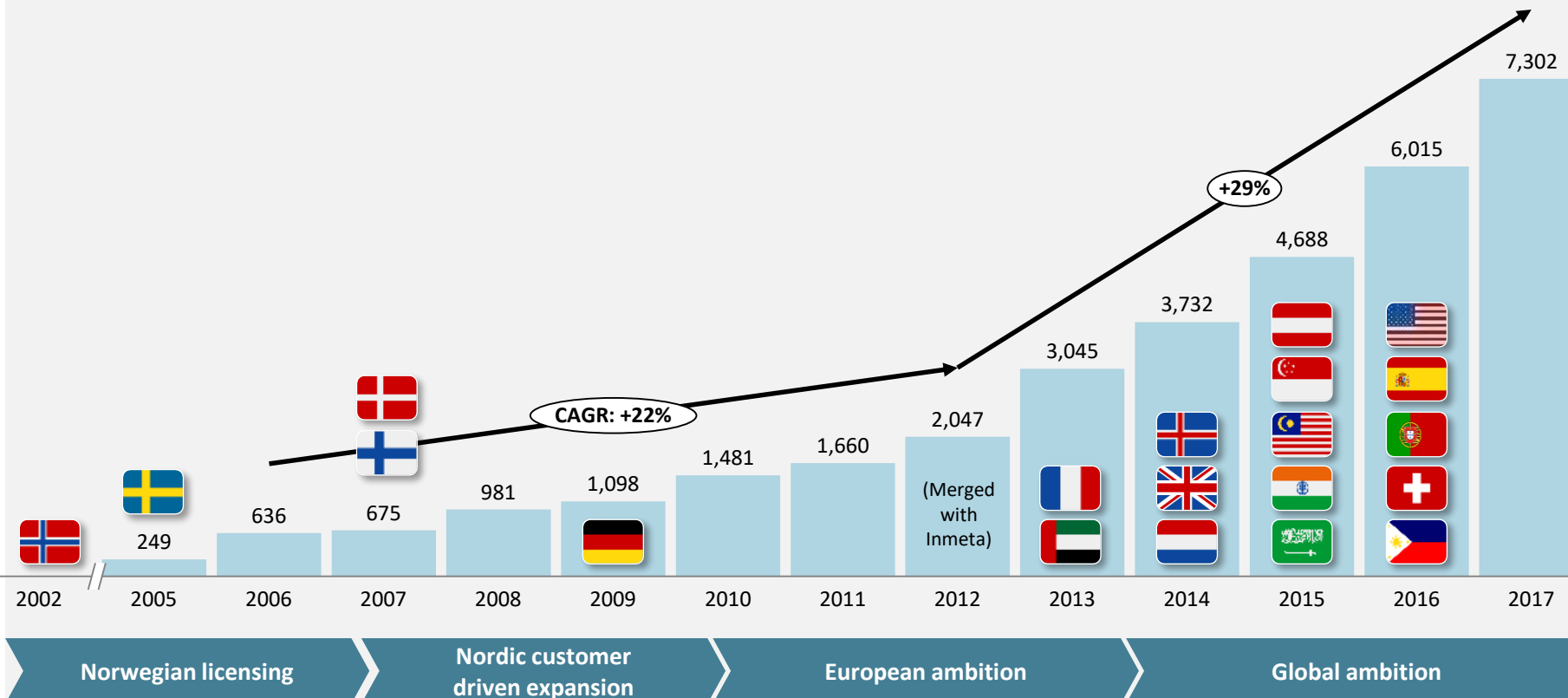
<sup>1</sup> Based on share of gross profit 2017



# Proven execution of international expansion strategy

## Successful development from being a Norwegian licensing provider to global ambitions

Revenue, NOK million




Business model applicable  
across geographies

Ability to win global  
customers

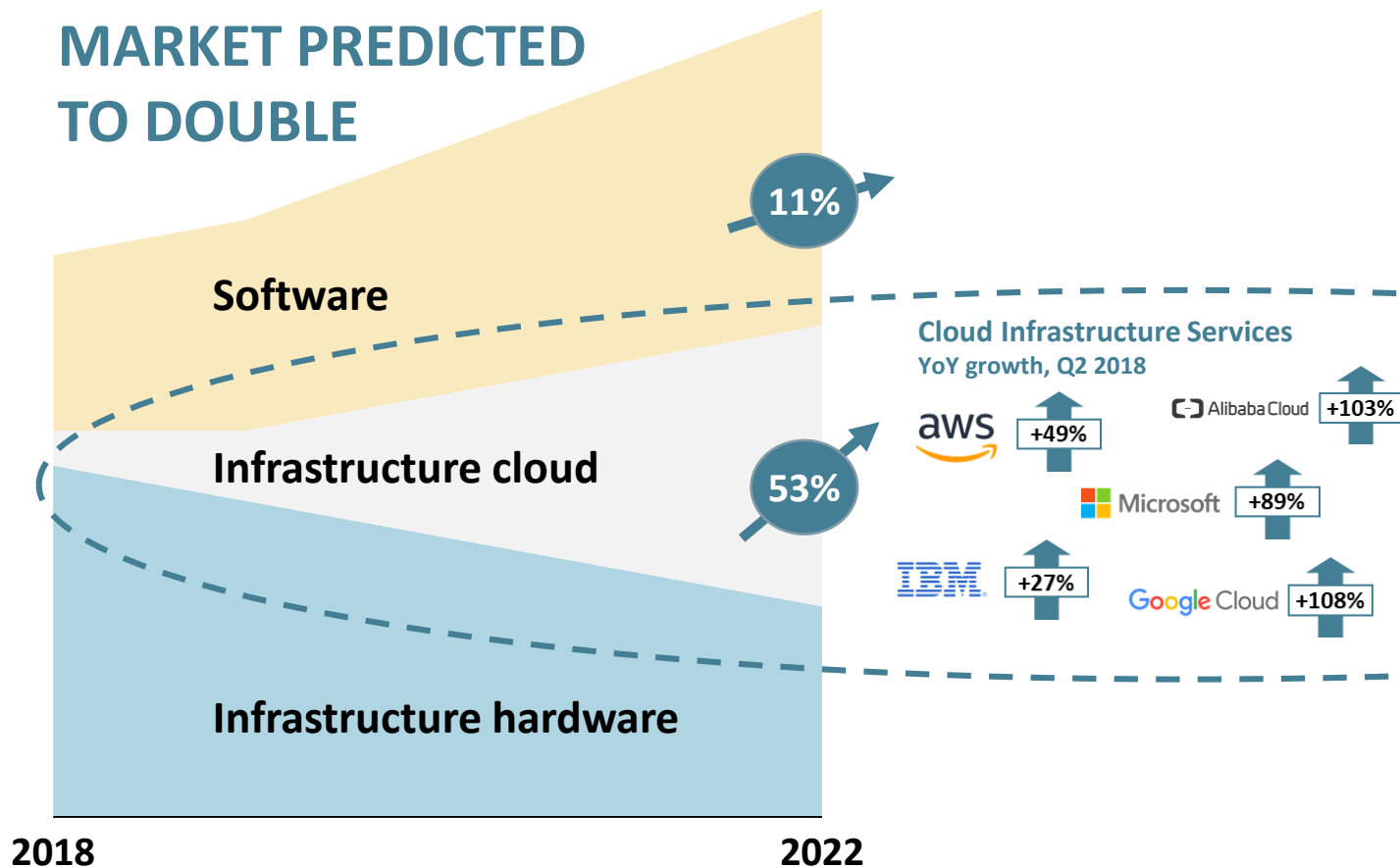
Positioned to be a true  
strategic partner

Opportunities for price  
arbitrage

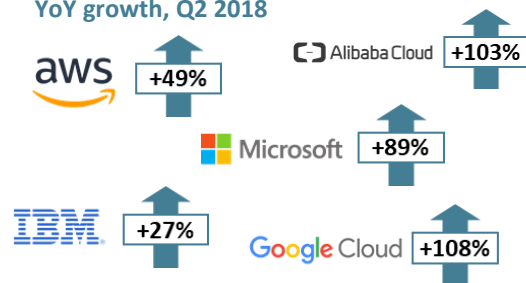
# Strong Market Momentum

 Market growth, 2017-2018

## CRAYON ADDRESSABLE MARKET PREDICTED TO DOUBLE



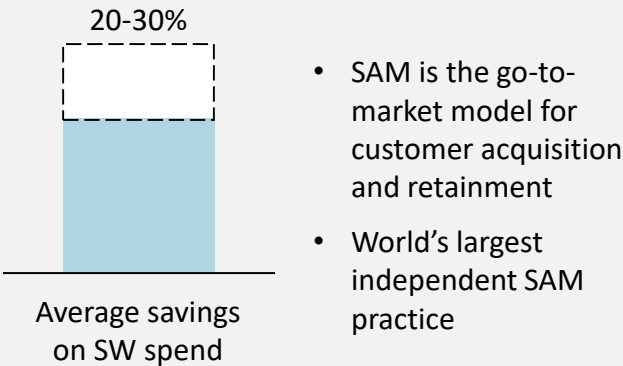
### Cloud Infrastructure Services YoY growth, Q2 2018



- New, fast growing market
- Strategically positioned
- More services
- Better margins

# Unique business model resulting in strong & loyal customer base

## Unique customer value proposition



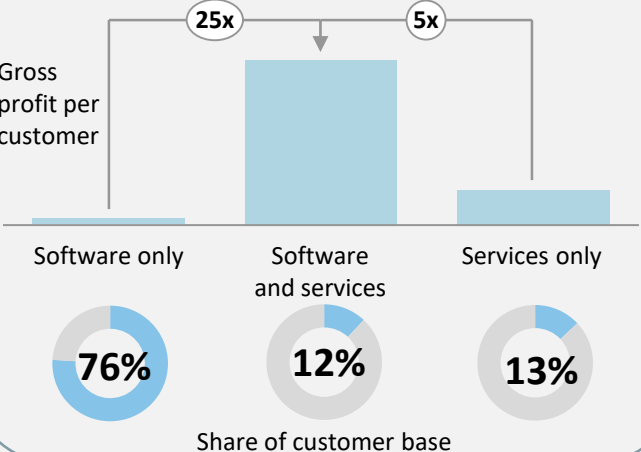
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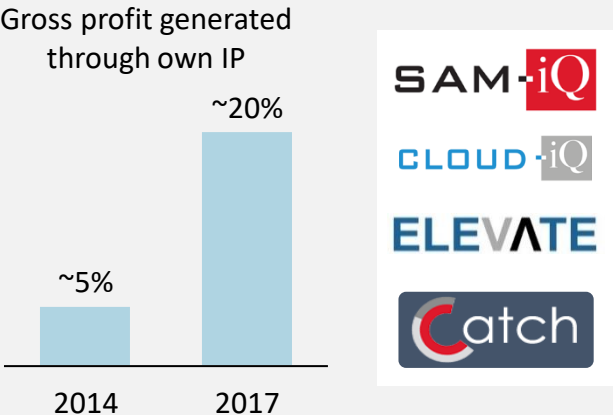
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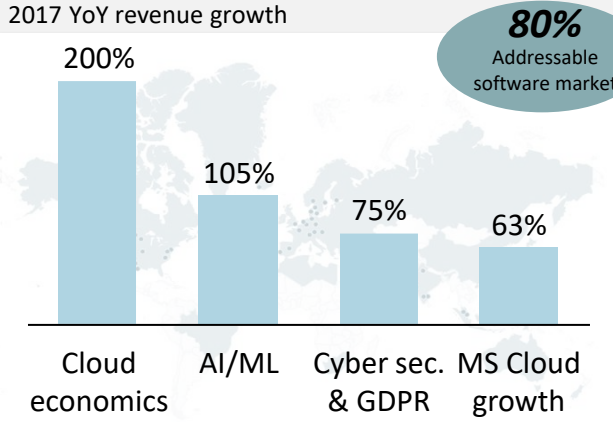
## End-to-end services with upsell potential



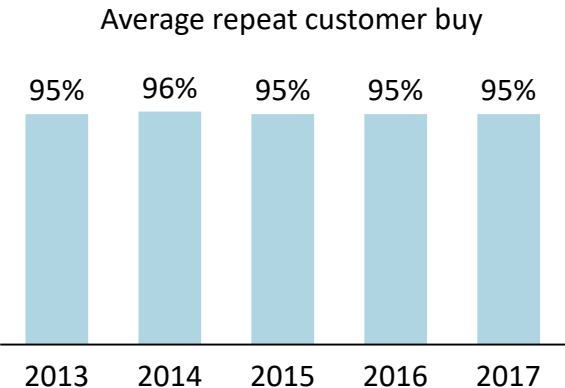
## Extensive portfolio of Intellectual Property (IP)



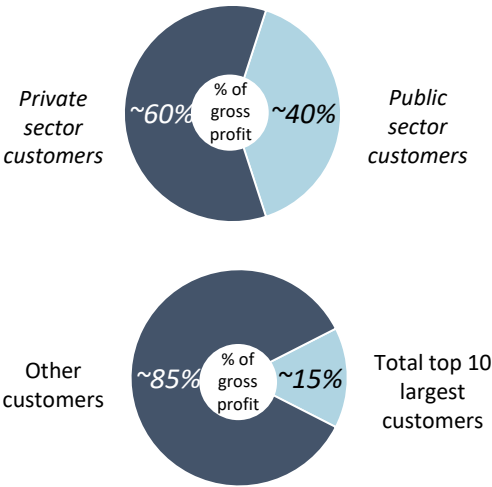
## Strategically positioned in attractive market



## Unparalleled customer loyalty



## Diversified customer portfolio



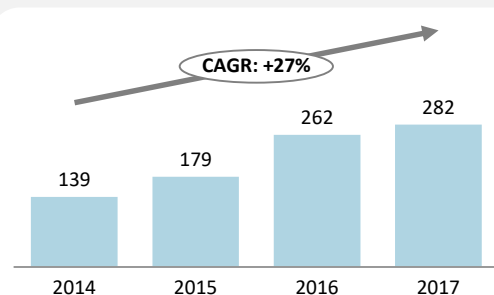
# Services – SAM and Consulting



## SAM – IT optimization; Crayon's customer acquisition tool

- Crayon's offering seeks to optimize the IT structure of customers by
  - improving software ROI
  - helping customers stay compliant
  - and helping customer to avoid fines
- SAM is the go-to-market model and has been deployed as a customer acquisition tool when Crayon have entered new geographical markets
- SAM comprise both tactical advisory to mid-level management and strategic advice with customer top management as counterparties
- Crayon uses proprietary IP to differentiate from competitors and to build customer stickiness – IP applied in SAM offering comprises Elevate, SAM-IQ and Catch
- With +300 SAM consultants, Crayon is a leading global player on SAM, and has the highest number of SAM consultants in the world<sup>1</sup>

### Gross profit<sup>2</sup> (NOKm)



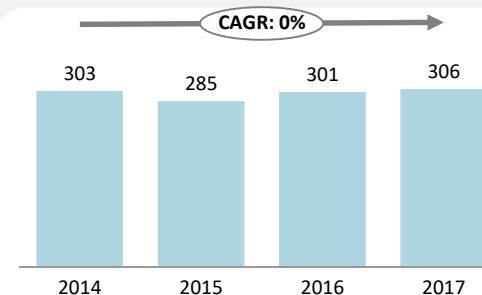
### KPIs

Repeat buy	<b>87%</b> (Annual repeat buy <sup>3</sup> )
Public vs. private mix	<b>20%</b> (Public customers <sup>4</sup> )
Customer concentration	<b>30%</b> (Gross profit of top 10 customers <sup>4</sup> )

## Consulting – cloud and solutions consulting services

- Crayon offers consulting services in principally two areas: Cloud and Solutions
  - Cloud Consulting:** Generic support and services on universal technology platforms
  - Solutions Consulting:** Bespoke application development tailored to customers' needs
- Total of 280 consultants per year end 2017 (FTEs)
- Core offering includes:
  - IT infrastructure services (planning and analysis support related to larger IT upgrade projects)
  - Cloud Consulting: helping customer migrate to the cloud
  - Tailored software solution or application development and the resolving of complex IT problems including on-site support
- Providing value to customer through helping to solve complex problems that customers are unable to solve internally
- 98% of business in the Nordic region<sup>5</sup>, predominantly in Norway

### Gross profit<sup>2</sup> (NOKm)



### KPIs

Repeat buy	<b>93%</b> (Annual repeat buy <sup>3</sup> )
Public vs. private mix	<b>45%</b> (Public customers <sup>4</sup> )
Customer concentration	<b>50%</b> (Cloud) <b>52%</b> (Solutions) (Gross profit of top 10 customers <sup>4</sup> )

<sup>1</sup> Crayon Management estimates based on number of independent SAM consultants (independent SAM consultants meaning consultants working for the customer, not the software vendor)

<sup>2</sup> 2014-2017 Source: Crayon Group Holding AS financial accounts.

<sup>3</sup> 2017 gross profit repeat buy adjusted for FAST acquisition in the UK for SAM. Repeat buy is (1-churn). Source: Sales data

<sup>4</sup> Based on 2017 figures. Source: Crayon sales report

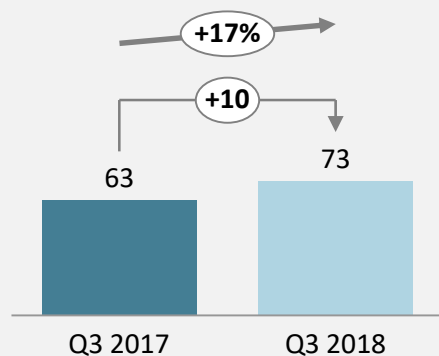
<sup>5</sup> Gross profit 2017 figures excluding Admin and eliminations



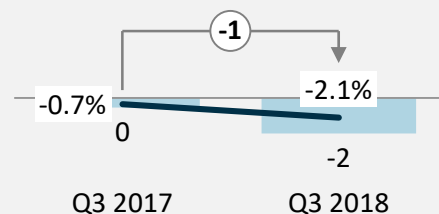
# Services

## SAM

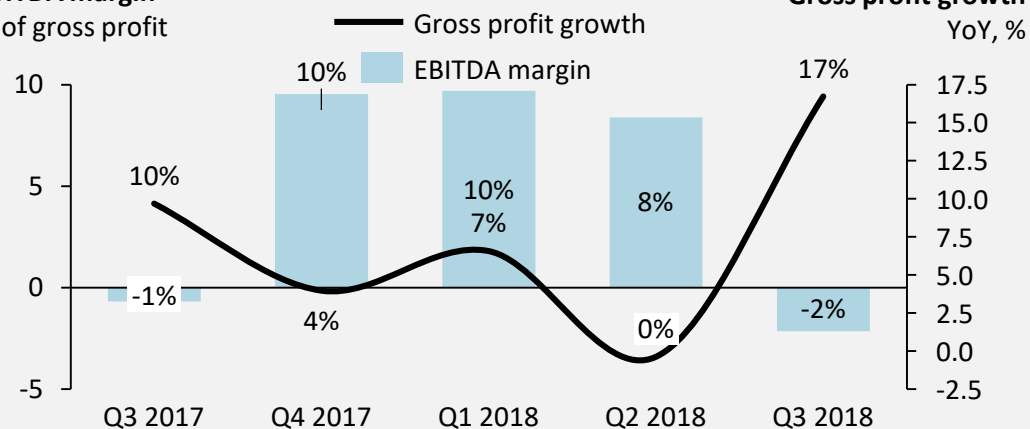
Gross profit development, NOKm



EBITDA development, NOKm

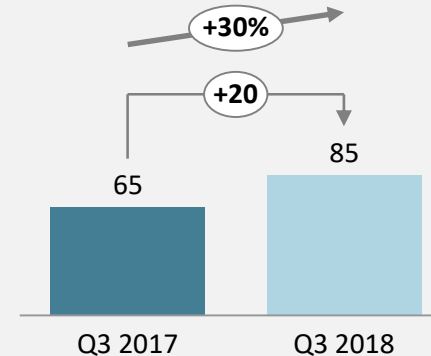


EBITDA margin<sup>1</sup>  
% of gross profit

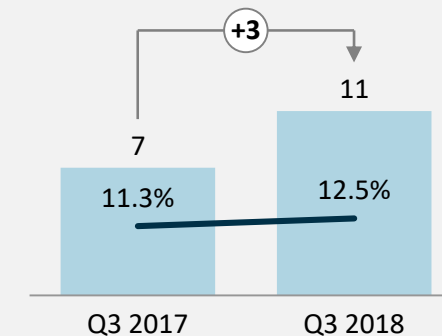


## Consulting

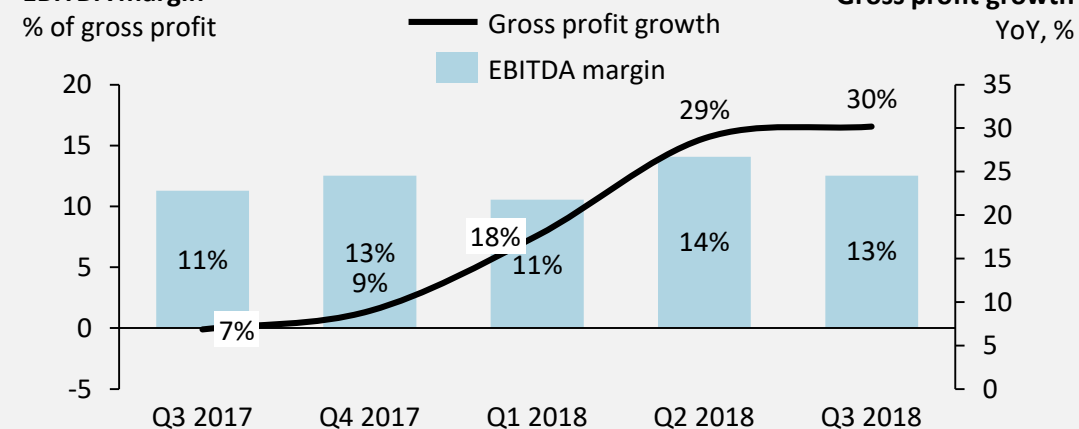
Gross profit development, NOKm



EBITDA development, NOKm



EBITDA margin<sup>1</sup>  
% of gross profit



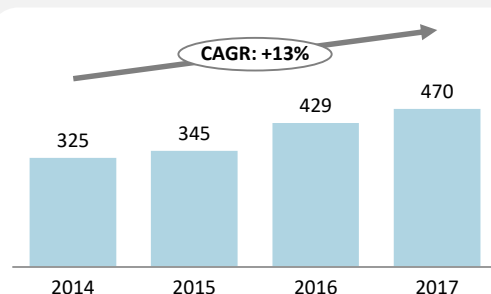
<sup>1</sup> EBITDA divided by reported gross profit

# Software – Direct and Indirect

## Direct – license offering directly from vendor to customers

- Focus on standard software that customers use consistently year after year, and which play a key role in their technological platforms and critical commercial processes
- 280 sales and 1<sup>st</sup> line support employees per year end 2017 (FTEs)
- Clients acquired through SAM approach
- Majority of billing is done through Crayon – meaning Crayon are billing clients directly, strengthening client relationships
  - 60% direct billing per 2017<sup>4</sup>
- Solid level of recurring revenues from 3-5 year agreements with customers
  - Base for recurring and sticky customer relationships further supported by proprietary IP applied (Navigator)
- License advisory and transactional support related to purchase of 3rd party software

### Gross profit<sup>1</sup> (NOKm)



### KPIs

Repeat buy	<b>96%</b> (Annual repeat buy <sup>2</sup> )
Public vs. private mix	<b>40%</b> (Public customers <sup>3</sup> )
Customer concentration	<b>14%</b> (Gross profit of top 10 customers <sup>3</sup> )

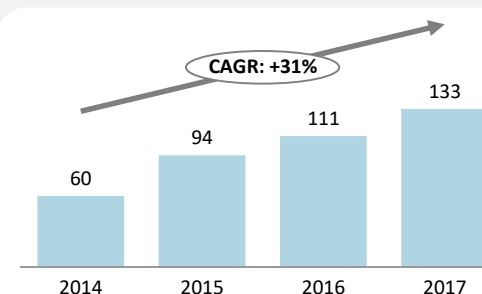
## Indirect – license offering towards channel partners

- Crayon's license offering towards channel partners:
  - License advisory / optimization, software license sale and access to Crayon's reporting portal
- Crayon sells software licenses through a diverse group of leading channel partners:



- Crayon not the customers direct point-of-contact, hence Crayon revenue is generated through channel partner network
- 73 sales and 1st line support employees per year end 2016 (FTEs)
- ~100% recurring revenue driven by multi-year agreements with monthly invoicing
- Proprietary IP applied comprise Cloud-IQ

### Gross profit<sup>1</sup> (NOKm)



### KPIs

Repeat buy	<b>99%</b> (Annual repeat buy <sup>2</sup> )
Public vs. private mix	<b>0%</b> (Public customers <sup>3</sup> )
Customer concentration	<b>7%</b> (Gross profit of top 10 customers <sup>3</sup> )

<sup>1</sup> 2014-2017 Source: Crayon Group Holding AS financial accounts

<sup>2</sup> 2017 gross profit repeat buy. Repeat buy is (1-churn). Source: Sales data

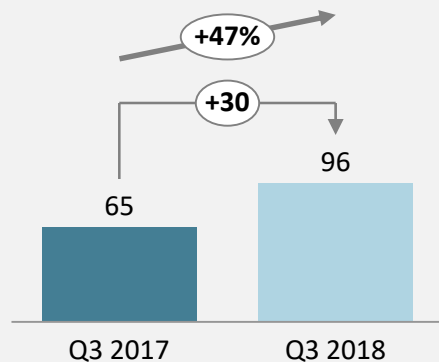
<sup>3</sup> Based on 2017 figures. Source: Crayon sales report

<sup>4</sup> Crayon direct billing of Microsoft's share of gross profit. Based on 2017 figures. Source: Crayon sales report

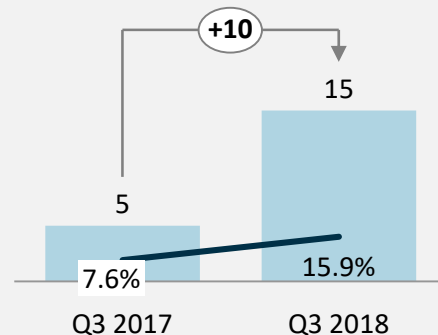
# Software

## Software Direct

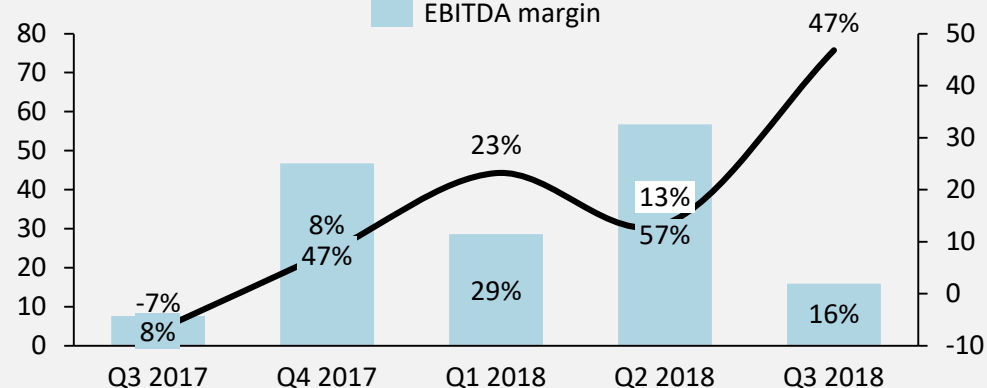
Gross profit development, NOKm



EBITDA development, NOKm

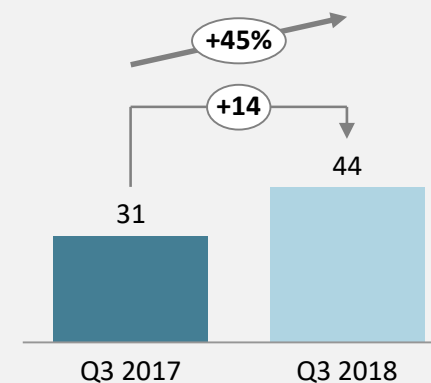
EBITDA margin<sup>1</sup>  
% of gross profit

— Gross profit growth  
 ■ EBITDA margin

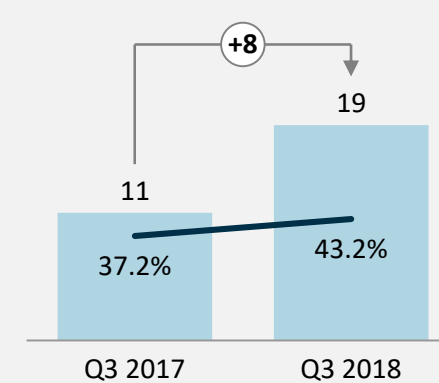
Gross profit growth  
YoY, %

## Software Indirect

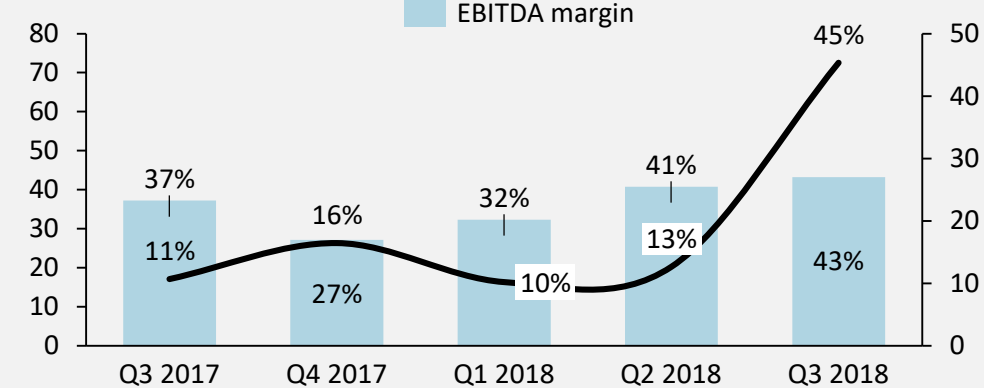
Gross profit development, NOKm



EBITDA development, NOKm

EBITDA margin<sup>1</sup>  
% of gross profit

— Gross profit growth  
 ■ EBITDA margin

Gross profit growth  
YoY, %







<sup>1</sup> EBITDA divided by reported gross profit

# Extensive portfolio of intellectual property



## Unique proprietary intellectual property portfolio...

## ...providing differentiation and customer stickiness

Services		<ul style="list-style-type: none"> <li>✓ Help customers improve internal processes and capabilities</li> <li>✓ Web portal providing tools and scripts</li> </ul>	~500 customers signed up on a subscription model, typically on multi-year agreements <sup>1</sup>	<div>~20%</div> <p>...of total gross profit relates to use of Crayon's own IP portfolio<sup>2,3</sup></p>
		<ul style="list-style-type: none"> <li>✓ SAM delivery and collaboration platform</li> </ul>	Used by Crayon for various SAM services	
		<ul style="list-style-type: none"> <li>✓ License management tool for monitoring software usage and inventory</li> </ul>	Used by Crayon and licensed to customers	
Software		<ul style="list-style-type: none"> <li>✓ Self-provisioning web portal</li> <li>✓ Effective provision and administration of cloud services for customers</li> </ul>	~1,500 customers signed up on a monthly subscription model <sup>1</sup>	<div>~50%</div> <p>...of the customers are signed up on subscription models for the Crayon IP<sup>1</sup></p>
	 	<ul style="list-style-type: none"> <li>✓ Software webshop and self-provisioning portals for customers and partners</li> </ul>	~2,000 customers signed up on a monthly subscription model <sup>1</sup>	

Source: Sales reports

<sup>1</sup> Based on end of 2017 data<sup>2</sup> Based on 2017 gross profit<sup>3</sup> ~25% of total revenue relates to use of Crayon's own IP portfolio