

## Dassault Systèmes Q4 \& FY 2018 Earnings Presentation <br> Dassault Systèmes Q4 \& FY 2018 Earnings Presentation

Bernard Charlès, Vice-Chairman \& CEO Pascal Daloz, EVP, CFO \& Corporate Strategy Officer

## 3DEXPERIENCE

## Forward Looking Information

Statements herein that are not historical facts but express expectations or objectives for the future, including but not limited to statements regarding the Company's non-IFRS financial performance objectives, are forward-looking statements. Such forward-looking statements are based on Dassault Systèmes management's current views and assumptions and involve known and unknown risks and uncertainties. Actual results or performances may differ materially from those in such statements due to a range of factors. The Company's current outlook for 2018 takes into consideration, among other things, an uncertain global economic environment. In light of the continuing uncertainties regarding economic, business, social and geopolitical conditions at the global level, the Company's revenue, net earnings and cash flows may grow more slowly, whether on an annual or quarterly basis. While the Company makes every effort to take into consideration this uncertain macroeconomic outlook, the Company's business results, however, may not develop as anticipated. Further, there may be a substantial time lag between an improvement in global economic and business conditions and an upswing in the Company's business results. The Company's actual results or performance may also be materially negatively affected by numerous risks and uncertainties, as described in the "Risk Factors" section of the 2017 Document de Référence (Annual Report) filed with the AMF (French Financial Markets Authority) on March 21, 2018 and also available on the Company's website www.3ds.com.
In preparing such forward-looking statements, the Company has in particular assumed an average US dollar to euro exchange rate of US $\$ 1.16$ per $€ 1.00$ for the 2019 first quarter and 1.19 full year as well as an average Japanese yen to euro exchange rate of JPY130 to $€ 1.00$ for the 2019 first quarter and 130 full year before hedging; however, currency values fluctuate, and the Company's results of operations may be significantly affected by changes in exchange rates.

## Non-IFRS Information

Readers are cautioned that the supplemental non-IFRS information presented in this press release is subject to inherent limitations. It is not based on any comprehensive set of accounting rules or principles and should not be considered as a substitute for IFRS measurements. Also, the Company's supplemental non-IFRS financial information may not be comparable to similarly titled non-IFRS measures used by other companies. Further specific limitations for individual non-IFRS measures, and the reasons for presenting non-IFRS financial information, are set forth in the Company's 2017 Document de Référence filed with the AMF on March 21, 2018.

In the tables accompanying this press release the Company sets forth its supplemental non-IFRS figures for revenue, operating income, operating margin, net income and diluted earnings per share, which exclude the effect of adjusting the carrying value of acquired companies' deferred revenue, share-based compensation expense and related social charges, the amortization of acquired intangible assets, other operating income and expense, net, certain one-time items included in financial revenue and other, net, and the income tax effect of the non-IFRS adjustments and certain one-time tax effects. The tables also set forth the most comparable IFRS financial measure and reconciliations of this information with non-IFRS information.

## IFRS 15 \& IAS 18

The Company has adopted IFRS 15 as of January 1, 2018. The appendix of this presentation includes 2018 fourth quarter and twelve months financial results under IFRS 15 as well as under the prior IAS 18 standard and includes a summary explanation of the major differences for the Company. In addition, this presentation also includes financial information on a non-IFRS basis (both IFRS 15 and IAS 18) with reconciliations included in the Appendix to this communication.

## Glossary of Definitions

## Information in Constant Currencies

We have followed a long-standing policy of measuring our revenue performance and setting our revenue objectives exclusive of currency in order to measure in a transparent manner the underlying level of improvement in our total revenue and software revenue by type, industry, region and product lines. We believe it is helpful to evaluate our growth exclusive of currency impacts, particularly to help understand revenue trends in our business. Therefore, we provide percentage increases or decreases in our revenue and EPS (in both IFRS as well as non-IFRS) to eliminate the effect of changes in currency values, particularly the U.S. dollar and the Japanese yen, relative to the euro. When trend information is expressed by us "in constant currencies", the results of the "prior" period have first been recalculated using the average exchange rates of the comparable period in the current year, and then compared with the results of the comparable period in the current year.
While constant currency calculations are not considered to be an IFRS measure, we do believe these measures are critical to understanding our global revenue results and to compare with many of our competitors who report their financial results in U.S. dollars. Therefore, we are including this calculation for comparing IFRS revenue figures for comparable periods as well as for comparing non-IFRS revenue figures for comparable periods. All constant currency information is provided on an approximate basis. Unless otherwise indicated, the impact of exchange rate fluctuations is approximately the same for both the Company's IFRS and supplemental non-IFRS financial data.
Information on Growth excluding acquisitions ("organic growth")
In addition to discussing total growth, we also provide financial information where we discuss growth excluding acquisitions or growth on an organic basis as used alternatively. In both cases, growth excluding acquisitions have been calculated using the following restatements of the scope of consolidation: for entities entering the consolidation scope in the current year, subtracting the contribution of the acquisition from the aggregates of the current year, and for entities entering the consolidation scope in the previous year, subtracting the contribution of the acquisition from January 1st of the current year, until the last day of the month of the current year when the acquisition was made the previous year.

## Information on Industrial Sectors

The Company's global customer base includes companies in 12 industrial sectors: Transportation \& Mobility; Industrial Equipment; Aerospace \& Defense; Financial \& Business Services; High-Tech; Life Sciences; Energy, Process \& Utilities; Consumer Goods \& Retail; Natural Resources; Architecture, Engineering \& Construction; Consumer Packaged Goods \& Retail and Marine \& Offshore. Commencing in 2012 we implemented an industry go-to-market strategy with the dual objectives of broadening and deepening our presence in our largest industries as well as increasing the contribution from a diversified set of industrial sectors. "Diversification Industries" include: Architecture, Engineering \& Construction; Consumer Goods \& Retail; Consumer Packaged Goods \& Retail; Energy, Process \& Utilities; Finance Business Services; High-Tech; Life Sciences; Marine \& Offshore; and Natural Resources. "Core Industries" include: Transportation \& Mobility, Industrial Equipment, Aerospace \& Defense and a portion of Business Services.

## 3DEXPERIENCE Licenses and Software Contribution

To measure the progressive penetration of 3DEXPERIENCE software, the Company utilizes the following ratios: a) for new licenses revenue, the Company calculates the percentage contribution by comparing total 3DEXPERIENCE new licenses revenue to new licenses revenue for all product lines except SOLIDWORKS and acquisitions ("related new licenses revenue"); and, b) for software revenue, the Company calculates the percentage contribution by comparing total 3DEXPERIENCE software revenue to software revenue for all product lines except SOLIDWORKS and acquisitions ("related software revenue").

## FY 2018 Highlights Non-IFRS (under IAS 18)

## - Delivering on all 2018 objectives

| Revenue | $\checkmark$ FY18 revenue up $+10 \%$ exFX |
| :--- | :--- |
| License Revenue | $\checkmark$ FY18 license* revenue up +11\% exFX |
| EPS | $\checkmark$ FY18 EPS up $+16 \%$ (+20\% exFX) |

- Key elements in place for sustainable growth

| Purpose in Action | $\checkmark$ Making a significant and positive impact helping customers to achieve their purpose |
| :--- | :--- |
| 3DEXPERIENCE Platform | $\checkmark$ 3DEXPERIENCE software revenue up +24\% exFX (25\% of software revenue**) |
| Industries | $\checkmark$ T\&M, A\&D, IE, CG-Retail, NR, AEC, FBS, M\&O*** software revenue up double-digit exFX |
| Cloud | $\checkmark$ Footprint and diversity expansion |
| Customer Expansion | $\checkmark 27,000$ new customers organically |
| Addressable Market Expansion | $\checkmark$ IQMS (ERP Manufacturing), Centric Software (PLM), No Magic and Argosim (Systems), <br> COSMOlogic (Simulation) |

## Agenda

## 1 <br> Strategy Update

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## Our Legacy

1981<br>3D<br>Design

1989
3D DMU
Digital Mock-up
1999
3D PLM
Product Lifecycle Management
(D) 2012 3DEXPERIENCE ${ }^{\circledR}$ platform
3DEXPERIENCE



## Our Purpose

Dassault Systèmes provides business \& people with 3DEXPERIENCE universes to imagine sustainable innovations capable of harmonizing product, nature \& life.



DS SQSSAult IThe 3DEXPERIENCE ${ }^{\circ}$ Company

https://www.hsph.harvard.edu/c-change/
http://hwpi.harvard.edu/files/chge/files/handprints_of_product_innovation.pdf

## 10,000


"Dassault Systèmes can enable sectors such as the global automotive sector to create handprints which are on the order of 10,000 times greater than its own footprint. Clearly, this is where its sustainability efforts should rightly be focused, for the good of humanity and the planet".

* Footprint: negative impact
** Handprint: positive impact


## Our Purpose in Action



## Our Purpose in Action

Indian government has launched a Smart Cities Mission that envisions developing 100 cities in the country as model areas Jaipur, the capital and largest city of India's Rajasthan state with a population of more than 3 million people


## Platform for Knowledge and Know-How



## Airbus



## Adopts 3DEXPERIENCE Platform

Airbus is an international pioneer in the aerospace industry - Leader in designing, manufacturing and delivering aerospace products, services and solutions to customers on a global scale - Aiming for a better-connected, safer and more prosperous world.

## Business Values:

Airbus embarks on its Global Digital Enterprise Transformation Program with Dassault Systèmes

- Streamlining digital aircraft design and development, manufacturing, services and support with the 3DEXPERIENCE platform
- Roadmap for 3DEXPERIENCE deployment: 2019-2021

Dassault Systèmes reaffirms its position as the preferred technological partner to the aerospace and defense industry, from large OEMs to small suppliers

## Solution:

3DEXPERIENCE Platform with Program Excellence, Winning Concept, Co-Design to Target and Ready for Rate Industry Solution Experiences

## Safran Nacelles Adopts 3DEXPERIENCE Platform



Safran Nacelles, part of the Safran Group*, is a world leader for aircraft nacelles. The company is active in all segments of the market, from regional jets and corporate aircraft to the largest airliners

## Business Values:

3DEXPERIENCE based digital continuity across Manufacturing and After-Sales Services to enable:

- Reduced number of non-value added tasks
- 3D for All
- Global change management
- Development of new customer services


## Solution: <br> 3DEXPERIENCE Platform with Co-Design to Target and Ready for Rate Industry Solution Experiences

## Expanding Footprint and Diversity on the Cloud



KARCHER Adopts
3DEXPERIENCE Platform on the Cloud



TAKEMOTO Adopts 3DEXPERIENCE Platform on the Cloud



EVELOZCITY Adopts
3DEXPERIENCE Platform on the Cloud


## Naval Energies Adopts 3DEXPERIENCE Platform



Offshore wind energy Ocean thermal energy

## NAYAL enercies

Naval Energies is a major actor in the field of marine renewable energy. All over the world, the company contributes to the development of alternative, renewable and environmentally-friendly energy, originating from the most powerful source there is: the sea.

## Business Values:

Deploying the 3DEXPERIENCE platform to develop new offshore floating wind turbines for wind farm projects and OTEC* solutions to value deep water resources
"The sea represents a source of renewable energy that can help to satisfy the needs of the world's growing population while ensuring a carbon-free footprint. As we work toward harnessing these possibilities, Dassault Systèmes' 3 DEXPERIENCE platform was a strategic choice for accelerating the development of our technological solutions."
Laurent Schneider Maunoury, CEO, Naval Energies.

## Solution:

3DEXPERIENCE Platform with Designed for Sea Industry Solution Experiences on the cloud

## IQMS Acquisition

Extending the 3DEXPERIENCE Platform to Business Operations for the Mainstream Market


## Expanding to the Mainstream Market



## 3DEXPERIENCE®. WORKS

New Family of Business Applications for the Mainstream Market

## DS SOLIDWORKS


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## FY 2018 Performance Non-FRS (under IAS 18)

| € millions | FY 18 |
| :--- | :---: |
| Revenue | 3,488 |
| Growth | $+8 \%$ |
| Growth exFX | $+10 \%$ |
| Software Growth exFX | $+10 \%$ |
| Licenses* Growth exFX | $+11 \%$ |
| Operating Margin | $31.8 \%$ |
| EPS $(€)$ | 3.11 |
| EPS Evolution | $+16 \%$ |
| EPS Evolution exFX | $+20 \%$ |

\% 3DEXPERIENCE** / Software Revenue \% 3DEXPERIENCE** / Licenses Revenue *


[^0]
## Software Revenue by Region Non-FRS (under IAS 18)

| Software Revenue Growth exFX by Region | Q4 18 | FY 18 |  |
| :--- | :---: | :---: | :--- |
| Americas | $+4 \%$ | $+7 \%$ | 2018 led by Latin America and modest <br> contribution from North America |
| Europe | $+12 \%$ | $+8 \%$ | Driven by France with a large <br> variety of 3DEXPERIENCE deals |
| Asia | $+19 \%$ | $+16 \%$ | Broad-based growth with double-digit <br> software revenue in China, Japan, <br> South Korea, AP South and India |
| Software Revenue | $+11 \%$ | $+10 \%$ |  |

## Software Revenue by Brand Non-FRs (under IAS 18)

| Software Revenue Growth exFX by Brand | Q4 18 | FY 18 |  |
| :--- | :---: | :---: | :--- |
| CATIA | $+2 \%$ | $+4 \%$ | Strong base of comparison in Q4 <br> $\rightarrow$ Q417 licenses* up 29\% exFX |
| ENOVIA | $+33 \%$ | $+14 \%$ | Licenses* up $84 \%$ exFX in Q4 and <br> $\sim 37 \%$ <br> in FY |
| SOLIDWORKS | $+12 \%$ | $+10 \%$ | Licenses* up 14\% exFX in Q4 and <br> $9 \%$ in FY |
| Other Software | $+13 \%$ | $+15 \%$ | Good 2018 DELMIA, SIMULIA, EXALEAD <br> Strong BIOVIA licenses growth in Q4 |
| Software Revenue | $+11 \%$ | $+10 \%$ |  |

[^1]
## Industries | FY 18 Performance Non-IFRS (under IAs 18)

## Double-digit software growth exFX:

All core industries:


5 out of 9 diversification industries:


FY 18 - Software Revenue


## 2018 Main Acquisitions

CO CentricSoftware



## IQMS Acquisition

Company profile

All-in-one solution for mid-market manufacturer to optimize engineering, manufacturing and business processes

## 2017 revenue

Privately-held company headquartered in Paso Robles, California
300+ employees

## Acquisition completed on January $3^{\text {rd }}, 2019$

```
Payment in cash: \(\sim \$ 425\) million
2019 outlook:
Revenue of \(\sim\) ¢58m ( \(\sim \$ 69 \mathrm{~m}\) )
Estimated dilutive impact on operating margin of \(\sim 30\) basis points Estimated positive impact on EPS of \(\sim 2\) cents
```

Providing for SMB a unique combination of Manufacturing Operations and Business Operations Software
Opportunity 2/3 of IQMS customers are also SOLIDWORKS customers
Business models aligned: On Premise, Hosted, and SaaS mode
Leveraging 3DS strong reseller partner network to scale IQMS' business worldwide

## ARGOSIM Acquisition

## - ARGOSIM Profile:

$\triangleright$ Expert in specifications validation to accelerate time to market
$\triangleright$ Privately-held company based in France (Grenoble)
$\triangleright 12$ employees
$\triangleright$ FY18 estimated revenue: less than $€ 1$ million

## Complementing CATIA Systems Portfolio



Cyber Physical Systems: Multitude of software-intensive connected systems interacting together in an unpredictable world portfolio for Cyber system design and engineering challenges

## COSMOlogic Acquisition

- COSMOlogic Profile:


# Complementing Industry Solution <br> Experiences Portfolio 

$\triangleright$ Expert in chemical processes simulation in fluid phase
$\triangleright$ Privately-held company based in Germany
$\triangleright 16$ employees
$\triangleright$ FY18 estimated revenue: €2 million

- Complementing Perfect Product for Consumer Packaged Goods-Retail and Energy, Process \& Utilities, and
 Designed to Cure for Life Sciences


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## Revenue Growth non-IFRS (under IAS 18)



Organic revenue $+10 \%$ exFX in Q4 and $+7 \%$ in FY 18 Organic software revenue $+8 \%$ exFX in Q4 and $+7 \%$ in FY18

## Software Revenue Growth non-IFRS (under IAS 18)

Licenses and Other software revenue


Subscription and Support



Organic licenses* revenue up $+11 \%$ exFX in Q4 and $+9 \%$ in FY18 Organic recurring** revenue up $+6 \%$ exFX in Q4 and FY18

## Services Revenue \& Margin Evolution Non-IFRs (under IAs 18)



## Operating Margin Evolution Non-IRSS (under IAS 18)



## EPS Non-IFRS (under IAS 18)



## Change in Net Financial Position IFRS (under IAS 18)



[^2]
## Operating Cash Flow Evolution IfRS (under IAS 18)

| € million | FY 18 | FY 17 | Changes |  |
| :---: | :---: | :---: | :---: | :---: |
| Operating Cash Flow | +899 | +745 | +154 | Up 21\% year on year |
| Net income adjusted for non cash items | +921 | +735 | +186 |  |
| Increase in trade accounts receivable and contract assets | -132 | -111 | -21 | Strong billing activity at very end of the year. Balance up $15 \%$ exFX at constant perimeter |
| Increase in unearned revenue | +102 | +87 | +15 | Balance up $10 \%$ exFX at constant perimeter as compared to growth in RLC revenue of 6\% |
| Increase in accrued compensation | +44 | +29 | +15 |  |
| Increase (decrease) in accounts payable | +6 | -1 | +7 |  |
| Decrease (increase) in income taxes payable | -42 | +22 | -64 | Higher 2017 taxable income in France paid in Q2 2018 and lower 2018 tax charges in the US |
| Other | - | -16 | +16 |  |

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## Implementing IFRS 15 as of January 1, 2018

- The only impact: revenue from periodic licenses
$\triangleright$ Before January 1, 2018: ratable recognition of subscription revenue over the term of the license contract
$\triangleright$ Under IFRS 15: split of the rental fee of periodic licenses between license portion (recognized upfront) and subscription portion (kept ratable over the term of the contract)
- No material impact on overall growth rates for the full year
- Variation in quarterly revenue recognition
- We have provided in 2018
$\triangleright 2018$ quarterly and full year IFRS 15 and IAS 18 financial information (in IFRS and non-IFRS for both)
$\triangleright 2018$ non-IFRS financial objectives on a IAS 18 basis only
- We will provide in 2019
$\triangleright 2019$ financial results and non-IFRS financial objectives solely in accordance with IFRS 15


## IFRS 15 | 2018 Recurring Revenue Impacts

| Software Recurring revenue ( $€$ million) | 1Q18 | 2Q18 | 3Q18 | 4Q18 | FY18 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| IAS 2018 (Non-IFRS) | 507.2 | 533.7 | 549.5 | 576.9 | 2,167.3 |
| Seasonality \% | 23\% | 25\% | 25\% | 27\% | 100\% |
| IFRS 15 estimated (Non-IFRS) | 557.9 | 525.5 | 527.5 | 564.4 | 2,175.3 |
| Seasonality \% | 26\% | 24\% | 24\% | 26\% | 100\% |
| IFRS 15 / IAS 2018 Gap (€m) | +50.8 | -8.3 | -22.1 | -12.4 | +8 |

- 2018 FY difference between the 2 standards: $€ 8$ million
- Quarterly seasonality modified with a stronger Q1 (majority of periodic license contracts renewed in Q1)


## Implementing IFRS 16 as of January 1, 2019 <br> METHODOLOGY <br> IMPACT*

## SCOPE <br> = <br> LEASE

## Before

- Off-balance sheet items
- Lease costs: operating expenses

$$
\begin{array}{ll}
\triangleright \text { Right of Use Assets: } & \sim € 390 \text { million } \\
\triangleright \text { Lease Liabilities: } & \sim € 470 \text { million } \\
\triangleright \text { Transition impact: } & \sim € 55 \text { million equity decrease, } \\
& \text { before tax, in opening balance sheet as of January } 1,2019
\end{array}
$$

- New balance sheet items as of January $1^{\text {st }} 2019$
- YTD 2019 P\&L impacts with a pattern almost linear throughout the quarters
$\triangleright$ Improvement in the operating margin: + €11 million
$\triangleright$ Decrease in the financial result**: = €13 million
$\triangleright$ Immaterial effect on the net income
- Balance sheet grossed up (rights of use \& future lease payments)
- Lease costs: operating expenses + financial expenses
- We will provide in 2019
$\triangleright 2019$ quarterly and full year financial results and non-IFRS financial objectives solely in accordance with IFRS 16 (and with IFRS 15 as a reminder)


## Initiating 2019 Guidance Non-IFRS (IFRS 15 \& 16)

## Assumptions for 2019 Guidance

- Licenses revenue growth up 10-12\% exFX
- Recurring revenue growth up 9-10\% exFX
- Services revenue growth up $\sim 14 \%$ exFX
- Increase of organic operating margin by $\sim 110$ basis points exFX ( $\sim 80$ basis points excluding IFRS 16)
- Tax rate increasing to ~29\% (28.2\% in 2018)
- Exchange rate assumptions of US\$1.16 per €1.00 in Q1, US\$1.20 per €1.00 in Q2 to Q4 and JPY130 per $€ 1.00$ before hedging throughout the year


## Proposed Objectives Non-IFRS (IFRS 15 \& 16)

Q1 2019

| Software +9-12\% exFX <br> Licenses +15-18\% exFX <br> Recurring +8-9\% exFX | Q1 2019 |
| :---: | :---: |
|  | 925-945 |
|  | +13-15\% |
|  | +11-13\% |
|  | 31-31.5\% |
|  | -0.4 pt to flat |
|  | 0.78-0.82 |
|  | +8-13\% |
|  | 1.16 |
|  | 130.0 |



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- Reconciliation of IFRS 15 \& IAS 18
- IFRS 15

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

## Software Revenue by Region (IAS18)

IFRS

| in MEUR | 4Q18 | 4Q17 | Growth | Growth ex FX | YTD 18 | YTD 17 | Growth | Growth ex FX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Americas | 240.6 | 229.3 | +5\% | +3\% | 874.0 | 855.4 | +2\% | +7\% |
| Europe | 422.7 | 377.6 | +12\% | +12\% | 1329.5 | 1233.5 | +8\% | +9\% |
| Asia | 246.3 | 204.6 | +20\% | +19\% | 875.2 | 780.4 | +12\% | +16\% |
| Software revenue | 909.7 | 811.5 | +12\% | +11\% | 3078.7 | 2869.3 | +7\% | +10\% |
|  |  | 4Q18 40 |  |  | YTD 18 |  | YTD 17 |  |
| Americas Europe Asia |  |  |  |  |  |  |  |  |

## Software by Region (IAS18)

## Non-IFRS

| in MEUR | 4Q18 | 4Q17 | Growth | Growth ex FX | YTD 18 | YTD 17 | Growth | Growth ex FX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Americas | 242.9 | 230.4 | +5\% | +4\% | 881.7 | 860.1 | +3\% | +7\% |
| Europe | 423.3 | 378.3 | +12\% | +12\% | 1332.0 | 1241.5 | +7\% | +8\% |
| Asia | 246.4 | 205.1 | +20\% | +19\% | 877.1 | 781.6 | +12\% | +16\% |
| Software revenue | 912.6 | 813.8 | +12\% | +11\% | 3,090.8 | 2,883.2 | +7\% | +10\% |
|  |  | 4Q18 |  |  |  |  | YTD 1 |  |
| Americas Europe Asia |  |  |  |  |  |  |  |  |

## Revenue by Product Line (IAS18)

## IFRS



## Revenue by Product Line (IAS18)

Non-IFRS


## Software Revenue Evolution (IAS18)

## Non-IFRS



## IFRS P\&L (IAS18)

(In millions of $€$, except per share data)

| Three months ended December 31 |  |  |
| :---: | :---: | :---: |
| 2018 | 2017 | YoY |


| Twelve months ended December 31, |  |  |
| :---: | :---: | ---: |
| 2018 | 2017 | YoY |


| Software revenue | 909.7 | 811.5 | +12.1\% | 3,078.7 | 2,869.3 | +7.3\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Licenses and Other software revenue | 335.7 | 295.8 | +13.5\% | 923.5 | 855.8 | +7.9\% |
| Subscription and Support revenue | 573.9 | 515.7 | +11.3\% | 2,155.3 | 2,013.5 | +7.0\% |
| Services revenue | 131.2 | 98.9 | +32.6\% | 395.6 | 358.7 | +10.3\% |
| Total revenue | 1,040.8 | 910.4 | +14.3\% | 3,474.3 | 3,228.0 | +7.6\% |
| Cost of Software revenue | (44.0) | (41.8) | +5.3\% | (162.0) | (158.2) | +2.4\% |
| Cost of Services revenue | (100.5) | (81.2) | +23.7\% | (348.8) | (315.7) | +10.5\% |
| Research and development | (163.3) | (130.1) | +25.6\% | (631.1) | (576.6) | +9.5\% |
| Marketing and sales | (297.4) | (264.6) | +12.4\% | $(1,069.8)$ | $(1,015.0)$ | +5.4\% |
| General and administrative | (77.8) | (61.0) | +27.5\% | (287.4) | (243.3) | +18.1\% |
| Amortization of acquired intangibles | (45.3) | (40.7) | +11.4\% | (171.6) | (160.3) | +7.1\% |
| Other operating income and expense, net | (29.3) | (10.8) | N/A | (38.4) | (29.9) | +28.2\% |
| Total operating expenses | (757.6) | (630.2) | +20.2\% | (2,709.2) | $(2,499.0)$ | +8.4\% |
|  |  |  |  |  |  |  |
| Operating income | 283.2 | 280.2 | +1.1\% | 765.1 | 729.0 | +5.0\% |
| Financial revenue and other, net | 2.9 | 1.5 | +94.3\% | 15.5 | 22.4 | -30.7\% |
| Income tax expense | (87.0) | (77.1) | +12.8\% | (218.7) | (231.3) | -5.5\% |
| Non-controlling interest | 2.9 | 0.3 | N/A | 6.0 | (0.7) | - |
| Net Income (to equity holders of the parent) | 202.2 | 204.9 | -1.4\% | 568.0 | 519.4 | +9.4\% |
|  |  |  |  |  |  |  |
| Diluted net income per share (EPS) | 0.78 | 0.79 | -1.3\% | 2.18 | 2.01 | +8.5\% |
| Average diluted shares (Million) | 260.6 | 258.9 |  | 260.8 | 258.3 |  |

## IFRS P\&L (\%) (IAS18)

|  | Three months ended December 31, |  | Twelve months ended December 31, |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2018 | 2017 | 2018 | 2017 |
|  | \% of revenue |  | \% of revenue |  |
| Software revenue | 87.4\% | 89.1\% | 88.6\% | 88.9\% |
| Licenses and Other software revenue | 32.3\% | 32.5\% | 26.6\% | 26.5\% |
| Subscription and Support revenue | 55.1\% | 56.6\% | 62.0\% | 62.4\% |
| Services revenue | 12.6\% | 10.9\% | 11.4\% | 11.1\% |
| Total revenue | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Cost of Software revenue | 4.2\% | 4.6\% | 4.7\% | 4.9\% |
| Cost of Services revenue | 9.7\% | 8.9\% | 10.0\% | 9.8\% |
| Research and development | 15.7\% | 14.3\% | 18.2\% | 17.9\% |
| Marketing and sales | 28.6\% | 29.1\% | 30.8\% | 31.4\% |
| General and administrative | 7.5\% | 6.7\% | 8.3\% | 7.5\% |
| Amortization of acquired intangibles | 4.4\% | 4.5\% | 4.9\% | 5.0\% |
| Other operating income and expense, net | 2.8\% | 1.2\% | 1.1\% | 0.9\% |
| Total operating expenses | 72.8\% | 69.2\% | 78.0\% | 77.4\% |
| Operating income | 27.2\% | 30.8\% | 22.0\% | 22.6\% |
| Financial revenue and other, net | 0.3\% | 0.2\% | 0.4\% | 0.7\% |
| Income tax rate (\% of EBIT) | 30.4\% | 27.4\% | 28.0\% | 30.8\% |
| Non-controlling interest | 0.3\% | 0.0\% | 0.2\% | 0.0\% |
| Net Income (to equity holders of the parent) | 19.4\% | 22.5\% | 16.4\% | 16.1\% |

## Non-IFRS P\&L (IAS18)

| (In millions of $£$, except per share data) | Three months ended December 31, |  |  | Twelve months ended December 31, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2018 | 2017 | YoY | 2018 | 2017 | YoY |
| Software revenue | 912.6 | 813.8 | +12.1\% | 3,090.8 | 2,883.2 | +7.2\% |
| Licenses and Other software revenue | 335.7 | 295.8 | +13.5\% | 923.5 | 855.8 | +7.9\% |
| Subscription and Support revenue | 576.9 | 518.0 | +11.4\% | 2,167.3 | 2,027.4 | +6.9\% |
| Services revenue | 132.3 | 99.0 | +33.7\% | 397.2 | 358.8 | +10.7\% |
| Total revenue | 1,044.9 | 912.8 | +14.5\% | 3,488.0 | 3,242.0 | +7.6\% |
| Cost of Software revenue | (43.4) | (41.6) | +4.5\% | (160.0) | (156.4) | +2.3\% |
| Cost of Services revenue | (99.6) | (80.7) | +23.5\% | (346.1) | (313.4) | +10.4\% |
| Research and development | (151.3) | (124.0) | +22.0\% | (584.1) | (535.0) | +9.2\% |
| Marketing and sales | (288.8) | (257.0) | +12.4\% | $(1,038.8)$ | (978.4) | +6.2\% |
| General and administrative | (70.9) | (57.6) | +23.1\% | (249.7) | (221.7) | +12.6\% |
| Total operating expenses | (654.1) | (560.9) | +16.6\% | $(2,378.6)$ | $(2,204.9)$ | +7.9\% |
| Operating income | 390.8 | 351.9 | +11.0\% | 1,109.4 | 1,037.1 | +7.0\% |
| Financial revenue and other, net | 3.9 | 1.5 | - | 16.3 | 1.7 | N/A |
| Income tax expense | (108.4) | (121.5) | -10.8\% | (317.3) | (345.2) | -8.1\% |
| Non-controlling interest | 1.0 | 0.3 | N/A | 2.7 | (0.7) |  |
| Net Income (to equity holders of the parent) | 287.3 | 232.2 | +23.7\% | 811.1 | 692.9 | +17.1\% |
| Diluted net income per share (EPS) | 1.10 | 0.89 | +23.6\% | 3.11 | 2.68 | +16.0\% |
| Average diluted shares (Million) | 260.6 | 258.9 |  | 260.8 | 258.3 |  |

## Non-IFRS P\&L (IAS18)

|  | Three months ended December 31, |  | Twelve months ended December 31, |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2018 | 2017 | 2018 | 2017 |
| Software revenue | 87.3\% | 89.2\% | 88.6\% | 88.9\% |
| Licenses and Other software revenue | 32.1\% | 32.4\% | 26.5\% | 26.4\% |
| Subscription and Support revenue | 55.2\% | 56.7\% | 62.1\% | 62.5\% |
| Services revenue | 12.7\% | 10.8\% | 11.4\% | 11.1\% |
| Total revenue | 100.0\% | 100.0\% | 100.0\% | 100.0\% |
| Cost of Software revenue | 4.2\% | 4.6\% | 4.6\% | 4.8\% |
| Cost of Services revenue | 9.5\% | 8.8\% | 9.9\% | 9.7\% |
| Research and development | 14.5\% | 13.6\% | 16.7\% | 16.5\% |
| Marketing and sales | 27.6\% | 28.2\% | 29.8\% | 30.2\% |
| General and administrative | 6.8\% | 6.3\% | 7.2\% | 6.8\% |
| Total operating expenses | 62.6\% | 61.4\% | 68.2\% | 68.0\% |
| Operating income | 37.4\% | 38.6\% | 31.8\% | 32.0\% |
| Financial revenue and other, net | 0.4\% | 0.2\% | 0.5\% | 0.1\% |
| Income tax rate (\% of EBIT) | 27.5\% | 34.4\% | 28.2\% | 33.2\% |
| Non-controlling interest | 0.1\% | 0.0\% | 0.1\% | 0.0\% |
| Net Income (to equity holders of the parent) | $\underline{\text { 27.5\% }}$ | 25.4\% | 23.3\% | 21.4\% |

## IFRS - Non-IFRS Reconciliation QTD (IAS18)

Revenue and Gross Margin

| (€ million, except \% and per share data) | Three months ended December 31, |  |  |  |  |  | Increase (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 2018 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $2018$ <br> Non-IFRS | $\begin{aligned} & 2017 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2017 \\ \text { Non-IFRS } \\ \hline \end{gathered}$ | IFRS | Non-IFRS |
| Total Revenue | 1040.8 | 4.1 | 1044.9 | 910.4 | 2.4 | 912.8 | 14.3\% | 14.5\% |
| Total Revenue breakdown by activity |  |  |  |  |  |  |  |  |
| Software revenue | 909.7 | 2.9 | 912.6 | 811.5 | 2.3 | 813.8 | 12.1\% | 12.1\% |
| Licenses and Other software revenue | 335.7 |  | 335.7 | 295.8 |  | 295.8 | 13.5\% | 13.5\% |
| Subscription and Support revenue | 573.9 | 2.9 | 576.9 | 515.7 | 2.3 | 518.0 | 11.3\% | 11.4\% |
| Recurring portion of Software revenue | 63\% |  | 63\% | 64\% |  | 64\% |  |  |
| Services revenue | 131.2 | 1.1 | 132.3 | 98.9 | 0.1 | 99.0 | 32.6\% | 33.7\% |
| Total Revenue breakdown by product line |  |  |  |  |  |  |  |  |
| CATIA SW revenue | 291.6 | 0.8 | 292.4 | 288.5 |  | 288.5 | 1.1\% | 1.4\% |
| ENOVIA SW revenue | 116.0 |  | 116.0 | 86.2 |  | 86.2 | 34.6\% | 34.6\% |
| SOLIDWORKS SW revenue | 208.3 |  | 208.3 | 178.7 |  | 178.7 | 16.6\% | 16.6\% |
| Other SW revenue | 293.7 | 2.1 | 295.8 | 258.1 | 2.3 | 260.4 | 13.8\% | 13.6\% |
| Services revenue | 131.2 | 1.1 | 132.3 | 98.9 | 0.1 | 99.0 | 32.6\% | 33.7\% |
| Total Revenue breakdown by geography |  |  |  |  |  |  |  |  |
| Americas revenue | 281.9 | 3.0 | 284.8 | 259.2 | 1.2 | 260.4 | 8.7\% | 9.4\% |
| Europe revenue | 491.9 | 1.0 | 492.9 | 428.3 | 0.7 | 429.0 | 14.8\% | 14.9\% |
| Asia revenue | 267.1 | 0.1 | 267.2 | 222.9 | 0.5 | 223.4 | 19.8\% | 19.6\% |
| Gross Margin |  |  |  |  |  |  |  |  |
| Cost of Software revenue | ( 44.0) | 0.6 | ( 43.4) | ( 41.8) | 0.2 | ( 41.6) | 5.3\% | 4.5\% |
| Software Gross margin* | 95.2\% |  | 95.2\% | 94.8\% |  | 94.9\% |  |  |
| Cost of Services revenue | ( 100.5) | 0.8 | ( 99.6) | ( 81.2) | 0.5 | ( 80.7) | 23.7\% | 23.5\% |
| Services Gross margin | 23.4\% |  | 24.7\% | 17.9\% |  | 18.5\% |  |  |

[^3]
## IFRS - Non-IFRS Reconciliation QTD (IAS18)

## Expenses \& Earnings

| (€ million, except \% and per share data) | Three months ended December 31, |  |  |  |  |  | Increase (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2018 <br> IFRS | Adjustment | $2018$ <br> Non-IFRS | 2017 <br> IFRS | Adjustment | $2017$ <br> Non-IFRS | IFRS | Non-IFRS |
| Total Operating Expenses | (757.6) | 103.5 | (654.1) | (630.2) | 69.3 | ( 560.9) | 20.2\% | 16.6\% |
| Share-based compensation expense | ( 28.9) | 28.9 | - | ( 17.8) | 17.8 | - |  |  |
| Amortization of acquired intangibles | ( 45.3) | 45.3 | - | ( 40.7) | 40.7 | - |  |  |
| Other operating income and expense, net | ( 29.3) | 29.3 | - | ( 10.8) | 10.8 | - |  |  |
| Operating Income | 283.2 | 107.6 | 390.8 | 280.2 | 71.7 | 351.9 | 1.1\% | 11.0\% |
| Operating Margin | 27.2\% |  | 37.4\% | 30.8\% |  | 38.6\% |  |  |
| Financial revenue \& other, net | 2.9 | 1.0 | 3.9 | 1.5 | 0.0 | 1.5 | 94.3\% | 156.1\% |
| Income tax expense | ( 87.0) | ( 21.4) | ( 108.4) | (77.1) | ( 44.4) | ( 121.5) | 12.8\% | -10.8\% |
| Non-controlling interest | 2.9 | ( 1.9) | 1.0 | 0.3 |  | 0.3 | N/A | N/A |
| Net Income attributable to shareholders | 202.2 | 85.2 | 287.3 | 204.9 | 27.3 | 232.2 | -1.4\% | 23.7\% |
| Diluted net income per share, in EUR | 0.78 | 0.32 | 1.10 | 0.79 | 0.10 | 0.89 | -1.3\% | 23.6\% |
|  | Three months ended December 31, |  |  |  |  |  |  |  |
| (€ million) | $2018$ <br> IFRS | Adjust. | $2018$ <br> Non-IFRS | 2017 <br> IFRS | Adjust. | $2017$ <br> Non-IFRS |  |  |
| Cost of revenue | ( 144.5) | 1.4 | ( 143.1) | ( 123.0) | 0.7 | ( 122.3) |  |  |
| Research and development | (163.3) | 12.0 | ( 151.3) | ( 130.1) | 6.1 | ( 124.0) |  |  |
| Marketing and sales | ( 297.4) | 8.7 | ( 288.8) | ( 264.6) | 7.6 | ( 257.0) |  |  |
| General and administrative | (77.8) | 6.8 | ( 70.9) | (61.0) | 3.4 | ( 57.6) |  |  |
| Total Share-based compensation expense |  | 28.9 |  |  | 17.8 |  |  |  |

## IFRS - Non-IFRS Reconciliation YTD (IAS18)

## Revenue and Gross Margin

| ( $€$ million, except \% and per share data) | Twelve months ended December 31, |  |  |  |  |  | Increase (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 2018 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ | $\begin{aligned} & 2017 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2017 \\ \text { Non-IFRS } \end{gathered}$ | IFRS | Non-IFRS |
| Total Revenue | 3,474.3 | 13.7 | 3,488.0 | 3,228.0 | 14.0 | 3,242.0 | 7.6\% | 7.6\% |
| Total Revenue breakdown by activity |  |  |  |  |  |  |  |  |
| Software revenue | 3,078.7 | 12.0 | 3,090.8 | 2,869.3 | 13.9 | 2,883.2 | 7.3\% | 7.2\% |
| Licenses and Other software revenue | 923.5 |  | 923.5 | 855.8 |  | 855.8 | 7.9\% | 7.9\% |
| Subscription and Support revenue | 2,155.3 | 12.0 | 2,167.3 | 2,013.5 | 13.9 | 2,027.4 | 7.0\% | 6.9\% |
| Recurring portion of Software revenue | 70\% |  | 70\% | 70\% |  | 70\% |  |  |
| Services revenue | 395.6 | 1.6 | 397.2 | 358.7 | 0.1 | 358.8 | 10.3\% | 10.7\% |
| Total Revenue breakdown by product line |  |  |  |  |  |  |  |  |
| CATIA SW revenue | 1,028.3 | 2.5 | 1,030.8 | 1,004.9 |  | 1,004.9 | 2.3\% | 2.6\% |
| ENOVIA SW revenue | 358.7 |  | 358.7 | 321.9 |  | 321.9 | 11.4\% | 11.4\% |
| SOLIDWORKS SW revenue | 746.1 |  | 746.1 | 695.8 |  | 695.8 | 7.2\% | 7.2\% |
| Other SW revenue | 945.6 | 9.6 | 955.2 | 846.7 | 13.9 | 860.6 | 11.7\% | 11.0\% |
| Services revenue | 395.6 | 1.6 | 397.2 | 358.7 | 0.1 | 358.8 | 10.3\% | 10.7\% |
| Total Revenue breakdown by geography |  |  |  |  |  |  |  |  |
| Americas revenue | 1,010.6 | 8.7 | 1,019.3 | 977.3 | 4.8 | 982.1 | 3.4\% | 3.8\% |
| Europe revenue | 1,513.4 | 3.2 | 1,516.6 | 1,398.5 | 8.0 | 1,406.5 | 8.2\% | 7.8\% |
| Asia revenue | 950.2 | 1.8 | 952.1 | 852.2 | 1.2 | 853.4 | 11.5\% | 11.6\% |
| Gross Margin |  |  |  |  |  |  |  |  |
| Cost of Software revenue | (162.0) | 2.1 | (160.0) | (158.2) | 1.8 | (156.4) | 2.4\% | 2.3\% |
| Software Gross margin* | 94.7\% |  | 94.8\% | 94.5\% |  | 94.6\% |  |  |
| Cost of Services revenue | (348.8) | 2.7 | (346.1) | (315.7) | 2.3 | (313.4) | 10.5\% | 10.4\% |
| Services Gross margin | 11.8\% |  | 12.9\% | 12.0\% |  | 12.7\% |  |  |

* No amortization of acquired intangibles is included in Software Gross margin calculation


## IFRS - Non-IFRS Reconciliation YTD (IAS18)

## Expenses \& Earnings

| ( $€$ million, except \% and per share data) | Twelve months ended December 31, |  |  |  |  |  | Increase (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 2018 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ | $\begin{aligned} & 2017 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2017 \\ \text { Non-IFRS } \end{gathered}$ | IFRS | Non-IFRS |
| Total Operating Expenses | $(2,709.2)$ | 330.6 | (2,378.6) | (2,499.0) | 294.1 | $(2,204.9)$ | 8.4\% | 7.9\% |
| Share-based compensation expense | ( 120.6) | 120.6 | - | ( 103.9) | 103.9 | - |  |  |
| Amortization of acquired intangibles | ( 171.6) | 171.6 | - | ( 160.3) | 160.3 | - |  |  |
| Other operating income and expense, net | ( 38.4) | 38.4 | - | (29.9) | 29.9 | - |  |  |
| Operating Income | 765.1 | 344.3 | 1109.4 | 729.0 | 308.1 | 1037.1 | 5.0\% | 7.0\% |
| Operating Margin | 22.0\% |  | 31.8\% | 22.6\% |  | 32.0\% |  |  |
| Financial revenue \& other, net | 15.5 | 0.8 | 16.3 | 22.4 | (20.7) | 1.7 | -30.7\% | N/A |
| Income tax expense | ( 218.7) | (98.6) | (317.3) | ( 231.3) | ( 113.9) | ( 345.2) | -5.5\% | -8.1\% |
| Non-controlling interest | 6.0 | ( 3.3) | 2.7 | ( 0.7) |  | (0.7) | - | - |
| Net Income attributable to shareholders | 568.0 | 243.1 | 811.1 | 519.4 | 173.5 | 692.9 | 9.4\% | 17.1\% |
| Diluted net income per share, in EUR | 2.18 | 0.93 | 3.11 | 2.01 | 0.67 | 2.68 | 8.5\% | 16.0\% |
|  | Twelve months ended December 31, |  |  |  |  |  |  |  |
| (€ million) | $\begin{aligned} & 2018 \\ & \text { IFRS } \end{aligned}$ | Adjust. | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ | $\begin{aligned} & 2017 \\ & \text { IFRS } \end{aligned}$ | Adjust. | $\begin{gathered} 2017 \\ \text { Non-IFRS } \end{gathered}$ |  |  |
| Cost of revenue | ( 510.9) | 4.8 | ( 506.1) | (473.9) | 4.1 | ( 469.8) |  |  |
| Research and development | (631.1) | 47.1 | ( 584.1) | ( 576.6) | 41.6 | ( 535.0) |  |  |
| Marketing and sales | (1 069.8) | 31.0 | (1 038.8) | (1015.0) | 36.6 | ( 978.4) |  |  |
| General and administrative | ( 287.4) | 37.7 | ( 249.7) | ( 243.3) | 21.6 | ( 221.7) |  |  |
| Total Share-based compensation expense |  | 120.6 |  |  | 103.9 |  |  |  |

## Financial Revenue and Other

Non-IFRS (IAS18)

| MEUR | 4Q18 | 4Q17 | var | YTD 18 | YTD 17 | var |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest Income | 10.5 | 6.9 | 3.6 | 37.4 | 25.5 | 11.9 |
| Interest Expense | (3.5) | (3.8) | 0.3 | (14.7) | (13.9) | (0.8) |
| Financial net Income | 7.0 | 3.1 | 3.9 | 22.7 | 11.6 | 11.1 |
| Exchange Gain / (Loss) | (3.2) | (1.6) | (1.6) | (7.5) | (10.3) | 2.8 |
| Other Income / (Loss) | 0.1 | 0.0 | 0.1 | 1.1 | 0.4 | 0.7 |
| Total | 3.9 | 1.5 | 2.4 | 16.3 | 1.7 | 14.6 |

## Exchange Rate evolution

## From assumptions to actual data

| Breakdown of P\&L by currency for YTD 18 |  |  |
| :---: | :---: | :---: |
|  | Revenue | Operating Expenses |
| USD | $35.6 \%$ | $32.6 \%$ |
| JPY | $11.8 \%$ | $5.0 \%$ |


| Average Exchange rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| QTD | EUR/USD | 1.18 | 1.14 | $-3 \%$ |
|  | EURJJPY | 132.9 | 128.8 | $-3 \%$ |
|  | EUR/USD | 1.13 | 1.18 | $+4 \%$ |
|  | EURJJPY | 126.7 | 130.4 | $+3 \%$ |



## Comparing 4Q18 with mid-range Objectives

Non-IFRS

|  | Revenue | Operating Expenses | Operating Profit | Operating Margin |
| :---: | :---: | :---: | :---: | :---: |
| 4Q18 Guidances mid-range | 994.5 | (631.5) | 363.0 | 36.5\% |
| Growth YoY | +9.0\% | +12.6\% | +3.1\% | -2.1pt |
| USD impact | 19.7 | (10.5) | 9.2 | +0.2pt |
| JPY impact including hedging | 3.7 | (1.5) | 2.2 | +0.1pt |
| Other currencies and other hedging impact | 0.4 | 1.1 | 1.5 | +0.1pt |
| Total FX | 23.8 | (10.9) | 12.9 | +0.4pt |
| Activity / Cost Control / Other | 26.6 | (11.7) | 14.9 | +0.5pt |
| Delta: Reported vs guidances | 50.4 | (22.6) | 27.8 | +0.9pt |
| 4Q18 Reported | 1,044.9 | (654.1) | 390.8 | 37.4\% |
| Growth YoY | +14.5\% | +16.6\% | +11.0\% | -1.2pt |
| 4Q17 Reported | 912.8 | (560.9) | 351.9 | 38.6\% |

## Estimated FX impact on 4Q18 Op. Results

Non-IFRS

| E millions QTD | Total Revenue | Operating <br> Expenses | Operating Income | Operating Margin |
| :---: | :---: | :---: | :---: | :---: |
| 4Q18 Reported | 1,044.9 | (654.1) | 390.8 | 37.4\% |
| 4Q17 Reported | 912.8 | (560.9) | 351.9 | 38.6\% |
| Growth as reported | +14.5\% | +16.6\% | +11.0\% | -1.2 pt |
| Impact of Actual Currency Rates |  |  |  |  |
| USD impact | 10.6 | (5.3) | 5.3 |  |
| JPY impact including hedging | 2.5 | (0.9) | 1.6 |  |
| Other currencies and other hedging impact | (4.9) | 1.4 | (3.5) |  |
| Total FX Impact adjustment | 8.2 | (4.8) | 3.4 |  |
| 4Q17 ex FX | 921.0 | (565.7) | 355.3 | 38.6\% |
| Growth exFX | +13\% | +16\% | +10\% | -1.2 pt |

## Estimated FX impact on FY18 Op. Results

## Non-IFRS

| € millions FY | Total Revenue | Operating <br> Expenses | Operating Income | Operating Margin |
| :---: | :---: | :---: | :---: | :---: |
| FY2018 Reported | 3,488.0 | $(2,378.6)$ | 1,109.4 | 31.8\% |
| FY2017 Reported | 3,242.0 | $(2,204.9)$ | 1,037.1 | 32.0\% |
| Growth as reported | +7.6\% | +7.9\% | +7.0\% | -0.2 pt |
| Impact of Actual Currency Rates |  |  |  |  |
| USD impact | (49.9) | 31.6 | (18.3) |  |
| JPY impact including hedging | (7.6) | 3.3 | (4.3) |  |
| Other currencies and other hedging impact | (22.7) | 15.2 | (7.5) |  |
| Total FX Impact adjustment | (80.2) | 50.1 | (30.1) |  |
| FY2017 ex FX | 3,161.8 | $(2,154.8)$ | 1,007.0 | 31.8\% |
| Growth exFX | +10\% | +10\% | +10\% | -0.0 pt |

## Consolidated Statement of Cash Flows (IAS 18)

| (in millions of $€$ ) | 4Q18 | 4Q17 | Variation | 4Q18 YTD | 4Q17 YTD | Variation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income attributable to equity holders of the parent | 202.1 | 204.9 | -2.8 | 568.0 | 519.4 | 48.6 |
| Non-controlling interest | -2.9 | -0.3 | -2.6 | -6.0 | 0.7 | -6.7 |
| Netincome | 199.2 | 204.6 | -5.4 | 562.0 | 520.1 | 41.9 |
| Depreciation of property \& equipment | 14.8 | 12.7 | 2.1 | 57.3 | 49.5 | 7.8 |
| Amortization of intangible assets | 47.5 | 42.7 | 4.8 | 180.4 | 168.2 | 12.2 |
| Other non-cash P\&L items | 75.5 | -40.8 | 116.3 | 121.3 | -3.3 | 124.6 |
| Changes in working capital | -185.0 | -146.0 | -39.0 | -22.4 | 10.5 | -32.9 |
| Net Cash Provided by (Used in) Operating Activities (l) | 152.0 | 73.2 | 78.8 | 898.6 | 745.0 | 153.6 |
| Additions to property, equipment and intangibles | -24.2 | -21.0 | -3.2 | -72.4 | -84.5 | 12.1 |
| Payment for acquisition of businesses, net of cash acquired | -4.3 | -327.4 | 323.1 | -251.6 | -338.2 | 86.6 |
| Sale (Purchase) of short-term investments, net | -0.1 | 47.5 | -47.6 | 0.6 | 51.1 | -50.5 |
| Investments, loans and others | 1.5 | -3.0 | 4.5 | 0.2 | 4.2 | -4.0 |
| Net Cash Provided by (Used in) Investing Activities (II) | -27.1 | -303.9 | 276.8 | -323.2 | -367.4 | 44.2 |
| Acquisition of non-controlling interests | - | - | - | -101.5 | -37.5 | -64.0 |
| Repayment of short term and long term debt | - | - | - | -14.9 | - | -14.9 |
| (Purchase) Sale of treasury stock | -92.4 | -69.0 | -23.4 | -206.3 | -133.0 | -73.3 |
| Proceeds from exercise of stock-options | 10.7 | 28.6 | -17.9 | 69.9 | 62.4 | 7.5 |
| Cash dividend paid | - | - | - | -38.0 | -51.3 | 13.3 |
| Net Cash Provided by (Used in) Financing Activities (II) | -81.7 | -40.4 | -41.3 | -290.8 | -159.4 | -131.4 |
| Effect of exchange rate changes on cash and cash equivalents (IV) | 20.3 | -11.4 | 31.7 | 65.3 | -195.5 | 260.8 |
| Increase (Decrease) in Cash (V) = (I)+(II)+(III)+(IV) | 63.5 | -282.5 | 346.0 | 349.9 | 22.7 | 327.2 |
| Cash and cash equivalents at Beginning of Period | 2745.8 | 2741.9 |  | 2459.4 | 2436.7 |  |
| Cash and cash equivalents at End of Period | 2809.3 | 2459.4 |  | 2809.3 | 2459.4 |  |
| Cash and cash equivalents variation | 63.5 | -282.5 |  | 349.9 | 22.7 |  |

## Balance Sheet (IAS18)

IFRS

## (in millions of $€$ )

Cash and cash equivalents
Short-term investments
Accounts receivable, net
Other currentassets
Total current assets
Property and equipment, net
Goodwill and Intangible assets, net
Other non current assets

| Total Assets | 7972,4 | 7 468,8 | +503,6 | 7 029,8 | +942,6 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Accounts payable | 161,7 | 139,3 | +22,4 | 149,3 | +12,4 |
| Unearned revenue | 1013,6 | 894,9 | +118,7 | 876,4 | +137,2 |
| Short-term debt | 350,0 | 350,0 | 0,0 | - | +350,0 |
| Other current liabilities | 603,6 | 443,4 | +160,2 | 501,7 | +101,9 |
| Total current liabilities | 2128,9 | 1827,6 | +301,3 | 1527,4 | +601,5 |
| Long-term debt | 650,0 | 650,0 | 0,0 | 1000,0 | -350,0 |
| Other non current obligations | 652,1 | 615,6 | +36,5 | 506,3 | +145,8 |
| Total long-term liabilities | 1302,1 | 1265,6 | +36,5 | 1506,3 | -204,2 |
| Non-controlling interest | 63,9 | 58,4 | +5,5 | 1,9 | +62,0 |
| Parent Shareholders' equity | 4 477,5 | 4 317,2 | +160,3 | 3994,2 | +483,3 |
| Total Liabilities and Shareholders' Equity | 7972,4 | 7468,8 | +503,5 | 7 029,8 | +942,6 |

## Trade Accounts Receivable | DSO (IAS 18)



## Headcount by Destinations*

| At Closing - TOTAL |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4Q18 | 4Q17 | \% growth | 3Q18 | \% growth |
| M\&S + COR Ser | 8511 | 7992 | +6\% | 8381 | +2\% |
| R\&D + COR SW | 6885 | 6669 | +3\% | 6738 | +2\% |
| G\&A | 1634 | 1478 | +11\% | 1603 | +2\% |
| Total | 17030 | 16140 | +6\% | 16721 | +2\% |

Closing H/C - December 2018


[^4]
## IFRS 2019 Objectives (IAS 18)

Accounting elements not included in the non-IFRS 2019 Objectives

- FY 2019 estimated contract liabilities write-down of $\sim € 6 \mathrm{~m}$ (excluding IQMS)
- FY 2019 estimated share-based compensation expenses, including related social charges: ~€105m
- FY 2019 estimated amortization of acquired intangibles: ~ $\sim 177 \mathrm{~m}$
- The non-IFRS objectives also do not include any impact from other operating income and expense, net principally comprised of acquisition, integration and restructuring expenses, and impairment of goodwill and acquired intangible assets, from one-time items included in financial revenue, from onetime tax effects and from the income tax effect of the non-IFRS adjustments.
- These estimates do not include any new stock option or performance share grants, or any new acquisitions or restructurings completed after February 6, 2019.


## Table of Content

-IAS 18

## - Reconciliation of IFRS 15 \& IAS 18

## - IFRS 15

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

## Summary of Principal Differences of IFRS15 Compared to IAS 18

The Company has adopted IFRS 15 as of January 1, 2018 using the modified retrospective transition method (also called the cumulative effect method). Under this method, the transition effect is accounted for within the consolidated equity at the date of initial application, i.e. January 1,2018 , without any adjustment to the prior year comparative information.

## The main differences between IFRS15 and IAS18 standards are described below:

Recurring software: Recurring software is comprised of subscription and support revenue. IFRS 15 has an impact on the timing of the quarterly recognition of subscription revenue but on a full year basis there is essentially no difference between IFRS 15 and IAS 18 for subscription contracts of one year in length. For the 2018 fourth quarter, recurring software revenue was $€ 561.5$ million under IFRS 15 and was $€ 12.4$ million less than the prior IAS 18 standard. Previously, under IAS 18, we showed a ratable quarterly amount based upon the annual contract level of our on-premise subscription software. Under IFRS 15, for new contracts entered into or for contracts renewing, we have assigned an upfront value as required which is recognized in the first quarter of the contract, and the remainder which is recognized ratably during the four quarters. We continue to report both of these amounts within recurring revenue, specifically as subscription revenue (previously called periodic revenue).

Operating expenses and sales commissions: The Company continues to expense sales commissions under the IFRS 15 standard as was done under IAS 18. Therefore, there are no capitalized sales commissions. As a result, the Company's operating expenses are identical under IFRS 15 and IAS 18.

One-time permanent difference: The implementation of IFRS 15 on January 1, 2018 resulted in a one-time permanent difference between IFRS 15 and IAS 18 , where the deferred portion of rental agreements concluded in prior years will not be recognized into revenue. As a result, the corresponding amount of $€ 80$ million, net of taxes was recorded in stockholders' equity as of January 1, 2018.

Contract liabilities / Unearned revenue: At December 31, 2018 unearned revenue on the Balance Sheet under IFRS 15 is not directly comparable to the December 31, 2017 balance sheet under the prior standard IAS 18. This is due to the fact that the December 31, 2018 balance sheet line item unearned revenue has been reduced by $€ 106$ million, reflecting mainly (i) the one-time permanent difference of $€ 94$ million,(ii) change change in upfront licences of $€ 6$ million and (iii) higher amount of revenue recognized in the amount of $€ 3$ million.

Contract Assets: Under IFRS 15, The company classifies the right to consideration in exchange for products or services transferred to a client as either a receivable or a contract asset. Contract assets amounted to $€ 32$ million as at January 1st, 2018 (1st application impact) and to $€ 26$ million as at December, 2018.

IFRS15-IAS18
Non GAAP
Reconciliation

| In millions of Euros, except per share data and percentages | 2018 Non-IFRS |  |  | 2018 Non-IFRS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { QTD } \\ \text { IFRS15 } \end{gathered}$ | Difference | $\begin{gathered} \text { QTD } \\ \text { IAS18 } \end{gathered}$ | $\begin{gathered} \text { YTD } \\ \text { IFRS15 } \end{gathered}$ | Difference | $\begin{gathered} \text { YTD } \\ \text { IAS18 } \\ \hline \end{gathered}$ |
| Total Revenue | 1,030.6 | 14.3 | 1,044.9 | 3,491.1 | (3.1) | 3,488.0 |
| Total Revenue breakdown by activity |  |  |  |  |  |  |
| Software revenue | 898.3 | 14.3 | 912.6 | 3,093.9 | (3.1) | 3,090.8 |
| Licenses and Other software revenue | 333.9 | 1.9 | 335.7 | 918.5 | 4.9 | 923.5 |
| Subscription and Support revenue | 564.4 | 12.4 | 576.9 | 2,175.3 | (8.0) | 2,167.3 |
| Recurring portion of Software revenue | 63\% |  | 63\% | 70\% |  | 70\% |
| Services revenue | 132.3 | - | 132.3 | 397.2 | - | 397.2 |
| Total Software Revenue breakdown by product line |  |  |  |  |  |  |
| CATIA software revenue | 288.6 | 3.8 | 292.4 | 1,031.0 | (0.3) | 1,030.8 |
| ENOVIA software revenue | 115.7 | 0.3 | 116.0 | 358.5 | 0.3 | 358.7 |
| SOLIDWORKS sofware revenue | 209.3 | (0.9) | 208.3 | 742.5 | 3.6 | 746.1 |
| Other software revenue | 284.6 | 11.2 | 295.8 | 961.9 | (6.7) | 955.2 |
| Total Revenue breakdown by geography |  |  |  |  |  |  |
| Americas | 288.1 | (3.3) | 284.8 | 1,010.0 | 9.3 | 1,019.3 |
| Europe | 483.9 | 9.0 | 492.9 | 1,527.5 | (10.9) | 1,516.6 |
| Asia | 258.6 | 8.6 | 267.2 | 953.6 | (1.5) | 952.1 |
| Total Operating Expenses | (654.1) |  | (654.1) | $(2,378.6)$ |  | $(2,378.6)$ |
| Share-based compensation expense | - | $\bullet$ | - | - | - | - |
| Amortization of acquired intangibles | - | - | - | - | - | - |
| Other operating income and expense, net | - | - | - | - | - | - |
| Operating Income | 376.5 | 14.3 | 390.8 | 1,112.5 | (3.1) | 1,109.4 |
| Operating Margin | 36.5\% | +0.9pts | 37.4\% | 31.9\% | -0.1pts | 31.8\% |
| Financial revenue \& other, net | 3.9 | - | 3.9 | 16.3 | - | 16.3 |
| Income tax expense | (105.2) | (3.2) | (108.4) | (319.0) | 1.7 | (317.3) |
| Non-controlling interest | 1.0 | - | 1.0 | 2.7 | - | 2.7 |
| Net Income attributable to shareholders | 276.2 | 11.1 | 287.3 | 812.5 | (1.4) | 811.1 |
| Diluted Net Income Per Share (3)In millions of Euros | 1.06 | 0.04 | 1.10 | 3.12 | (0.01) | 3.11 |
|  | 2018 Non-IFRS |  |  | 2018 Non-IFRS |  |  |
|  | $\begin{gathered} \text { QTD } \\ \text { IFRS15 } \end{gathered}$ | Difference | $\begin{gathered} \text { QTD } \\ \text { IAS18 } \end{gathered}$ | $\begin{gathered} \hline \text { YTD } \\ \text { IFRS15 } \end{gathered}$ | Difference | $\begin{aligned} & \text { YTD } \\ & \text { IAS18 } \end{aligned}$ |
| Cost of revenue | (143.1) |  | (143.1) | (506.1) |  | (506.1) |
| Research and development | (151.3) |  | (151.3) | (584.1) |  | (584.1) |
| Marketing and sales | (288.8) |  | (288.8) | $(1,038.8)$ |  | $(1,038.8)$ |
| General and administrative | (70.9) |  | (70.9) | (249.7) |  | (249.7) |
| Total share-based compensation expense |  | - |  |  | - |  |

## Balance Sheet IFRS15 / IAS 18 Reconciliation

## IFRS

| (in millions of $€$ ) | IFRS15 | Difference | IAS18 |
| :---: | :---: | :---: | :---: |
| Cash and cash equivalents | 2809,3 | 0,0 | 2809,3 |
| Short-term investments | 0,6 | 0,0 | 0,6 |
| Accounts receivable, net | 1044,1 | +16,3 | 1060,4 |
| Contractassets | 26,5 | -26,5 | - |
| Other current assets | 321,3 | 0,0 | 321,3 |
| Total current assets | 4 201,8 | -10,2 | 4 191,6 |
| Property and equipment, net | 178,2 | 0,0 | 178,2 |
| Goodwill and Intangible assets, net | 3262,4 | 0,0 | 3262,4 |
| Other non current assets | 331,6 | +8,6 | 340,2 |
| Total Assets | 7974,0 | -1,6 | 7972,4 |
| Accounts payable | 161,7 | 0,0 | 161,7 |
| Contract liabilities - Unearned revenue | 907,5 | +106,1 | 1013,6 |
| Short-term debt | 350,0 | 0,0 | 350,0 |
| Other current liabilities | 603,6 | 0,0 | 603,6 |
| Total current liabilities | 2022,8 | +106,1 | 2 128,9 |
| Long-term debt | 650,0 | 0,0 | 650,0 |
| Other non current obligations | 675,4 | -23,3 | 652,1 |
| Total long-term liabilities | 1325,4 | -23,3 | 1302,1 |
| Non-controlling interest | 63,9 | 0,0 | 63,9 |
| Parent Shareholders' equity | 4561,9 | -84,4 | 4477,5 |
| Total Liabilities and Shareholders' Equity | 7974,0 | -1,6 | 7972,4 |

- Difference in Accounts receivable, net: $+€ 16 \mathrm{~m}$, of which mainly:
- $+€ 26 \mathrm{~m}$ from Contract assets;
- $€(10) \mathrm{m}$ from upfront licenses.
- Difference in Contract assets: $\boldsymbol{€}(\mathbf{2 6}) \mathrm{m}$, of which:
- $€(32) m$ opening adjustment;
- $+€ 8 \mathrm{~m}$ variation in 2018.
- Difference in Deferred revenue: $+€ 106 \mathrm{~m}$, of which mainly:
- +€94m opening adjustment;
- +€6m 2018 change in upfront licences;
- +€3m 2018 YTD P\&L.
- Difference in Tax: $€(32) \mathrm{m}$, of which:
- $\quad €(9) \mathrm{m}$ in Other non-current assets;
- $€(23) m$ in Other non-current liabilities.


## Table of Content

-IAS 18

- Reconciliation of IFRS 15 \& IAS 18


## - IFRS 15

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

## IFRS - Non-IFRS Reconciliation QTD (IFRS15)

## Revenue and Gross Margin

| ( $€$ million, except \% and per share data) | $2018$ <br> IFRS | Adjustment | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Total Revenue | 1026.6 | 4.1 | 1030.6 |
| Total Revenue breakdown by activity |  |  |  |
| Software revenue | 895.4 | 2.9 | 898.3 |
| Licenses and Other software revenue | 333.9 |  | 333.9 |
| Subscription and Support revenue | 561.5 | 2.9 | 564.4 |
| Recurring portion of Software revenue | 63\% |  | 63\% |
| Services revenue | 131.2 | 1.1 | 132.3 |
| Total Revenue breakdown by product line |  |  |  |
| CATIA SW revenue | 287.8 | 0.8 | 288.6 |
| ENOVIA SW revenue | 115.7 |  | 115.7 |
| SOLIDWORKS SW revenue | 209.3 |  | 209.3 |
| Other SW revenue | 282.6 | 2.1 | 284.7 |
| Services revenue | 131.2 | 1.1 | 132.3 |
| Total Revenue breakdown by geography |  |  |  |
| Americas revenue | 285.2 | 2.9 | 288.1 |
| Europe revenue | 482.8 | 1.1 | 483.9 |
| Asia revenue | 258.6 | 0.0 | 258.6 |
| Gross Margin |  |  |  |
| Cost of Software revenue | ( 44.0) | 0.6 | ( 43.4) |
| Software Gross margin* | 95.1\% |  | 95.2\% |
| Cost of Services revenue | ( 100.5) | 0.8 | ( 99.6) |
| Services Gross margin | 23.4\% |  | 24.7\% |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

[^5]
## IFRS - Non-IFRS Reconciliation QTD (IFRS15)

## Expenses \& Earnings

( $€$ million, except $\%$ and per share data)

## Total Operating Expenses

Share-based compensation expense
Amortization of acquired intangibles
Other operating income and expense, net

## Operating Margin

Financial revenue \& other, net
Income tax expense
Non-controlling interest
Net Income attributable to shareholders
Diluted net income per share, in EUR
$\square$

| Three months ended December 31, |  |  |
| :---: | :---: | :---: |
| 2018 |  | 2018 |
| IFRS | Adjustment | Non-IFRS |
| (757.6) | 103.5 | (654.1) |
| ( 28.9) | 28.9 |  |
| ( 45.3) | 45.3 |  |
| ( 29.3) | 29.3 | - |
| 268.9 | 107.6 | 376.5 |
| 26.2\% |  | 36.5\% |
| 2.9 | 1.0 | 3.9 |
| (83.8) | (21.4) | ( 105.2) |
| 2.9 | (1.9) | 1.0 |
| 191.0 | 85.2 | 276.2 |
| 0.73 | 0.33 | 1.06 |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

## IFRS - Non-IFRS Reconciliation YTD (IFRS15)

## Revenue and Gross Margin

| (€ million, except \% and per share data) | $\begin{aligned} & 2018 \\ & \text { IFRS } \end{aligned}$ | Adjustment | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Total Revenue | 3,477.4 | 13.7 | 3,491.1 |
| Total Revenue breakdown by activity |  |  |  |
| Software revenue | 3,081.8 | 12.0 | 3,093.9 |
| Licenses and Other software revenue | 918.5 |  | 918.5 |
| Subscription and Support revenue | 2,163.3 | 12.0 | 2,175.3 |
| Recurring portion of Software revenue | 70\% |  | 70\% |
| Services revenue | 395.6 | 1.6 | 397.2 |
| Total Revenue breakdown by product line |  |  |  |
| CATIA SW revenue | 1,028.6 | 2.4 | 1,031.0 |
| ENOVIA SW revenue | 358.5 |  | 358.5 |
| SOLIDWORKS SW revenue | 742.5 |  | 742.5 |
| Other SW revenue | 952.2 | 9.6 | 961.9 |
| Services revenue | 395.6 | 1.6 | 397.2 |
| Total Revenue breakdown by geography |  |  |  |
| Americas revenue | 1,001.3 | 8.7 | 1,010.0 |
| Europe revenue | 1,524.3 | 3.2 | 1,527.5 |
| Asia revenue | 951.8 | 1.8 | 953.6 |
| Gross Margin |  |  |  |
| Cost of Software revenue | (162.0) | 2.1 | (160.0) |
| Software Gross margin* | 94.7\% |  | 94.8\% |
| Cost of Services revenue | (348.8) | 2.7 | (346.1) |
| Services Gross margin | 11.8\% |  | 12.9\% |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

[^6]
## IFRS - Non-IFRS Reconciliation YTD (IFRS15)

## Expenses \& Earnings

(€ million, except \% and per share data)

## Total Operating Expenses

Share-based compensation expense
Amortization of acquired intangibles
Other operating income and expense, net

## Operating Income

Operating Margin
Financial revenue \& other, net
Income tax expense
Non-controlling interest
Net Income attributable to shareholders
Diluted net income per share, in EUR

| Twelve months ended December 31, |  |  |
| :---: | :---: | :---: |
| 2018 | Adjustment | 2018 |
| IFRS | Adjustment | Non-IFRS |
| (2,709.2) | 330.6 | $(2,378.6)$ |
| ( 120.6) | 120.6 |  |
| ( 171.6) | 171.6 | - |
| ( 38.4) | 38.4 | - |
| 768.2 | 344.3 | 1112.5 |
| 22.1\% |  | 31.9\% |
| 15.5 | 0.8 | 16.3 |
| ( 220.4) | (98.6) | (319.0) |
| 6.0 | (3.3) | 2.7 |
| 569.4 | 243.0 | 812.5 |
| 2.18 | 0.94 | 3.12 |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

## ( $€$ million)

Cost of revenue
Research and development
Marketing and sales
General and administrative
Total Share-based compensation expense

| Twelve months ended December 31, |  |  |
| :---: | :---: | :---: |
| 2018 | Adjust. | 2018 |
| IFRS |  | Non-IFRS |
| $(510.9)$ | 4.8 | $(506.1)$ |
| $(631.1)$ | 47.1 | $(584.1)$ |
| $(1069.8)$ | 31.0 | $(1038.8)$ |
| $(287.4)$ | 37.7 | $(249.7)$ |
|  | 120.6 |  |
|  |  |  |

## IFRS - Non-IFRS P\&L QTD (IFRS15)

| (In millions of $€$, except per share data) | Three months ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2018 IFRS | Adjustment | $\begin{gathered} 2018 \\ \text { Non-IFRS } \end{gathered}$ |
| Software revenue | 895.4 | 2.9 | 898.3 |
| Licenses and Other software revenue | 333.9 |  | 333.9 |
| Subscription and Support revenue | 561.5 | 2.9 | 564.4 |
| Services revenue | 131.2 | 1.1 | 132.3 |
| Total revenue | 1,026.6 | 4.1 | 1,030.6 |
| Cost of Software revenue | (44.0) | 0.6 | (43.4) |
| Cost of Services revenue | (100.5) | 0.8 | (99.6) |
| Research and development | (163.3) | 12.0 | (151.3) |
| Marketing and sales | (297.4) | 8.7 | (288.8) |
| General and administrative | (77.8) | 6.8 | (70.9) |
| Amortization of acquired intangibles | (45.3) | 45.3 | - |
| Other operating income and expense, net | (29.3) | 29.3 | - |
| Total operating expenses | (757.6) | 103.5 | (654.1) |
| Operating income | 268.9 | 107.6 | 376.5 |
| Financial revenue and other, net | 2.9 | 1.0 | 3.9 |
| Income tax expense | (83.8) | (21.4) | (105.2) |
| Non-controlling interest | 2.9 | (1.9) | 1.0 |
| Net Income (to equity holders of the parent) | 191.0 | 85.2 | 276.2 |
| Diluted net income per share (EPS) | 0.73 | 0.33 | 1.06 |
| Average diluted shares (Million) | 260.6 |  | 260.6 |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

## IFRS - Non-IFRS P\&L YTD (IFRS15)

| (In millions of $€$, except per share data) | Twelve months ended December 31, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2018 IFRS | Adjustment | $2018$ <br> Non-IFRS |
| Software revenue | 3,081.8 | 12.0 | 3,093.9 |
| Licenses and Other soffware revenue | 918.5 |  | 918.5 |
| Subscription and Support revenue | 2,163.3 | 12.0 | 2,175.3 |
| Services revenue | 395.6 | 1.6 | 397.2 |
| Total revenue | 3,477.4 | 13.7 | 3,491.1 |
| Cost of Software revenue | (162.0) | 2.1 | (160.0) |
| Cost of Services revenue | (348.8) | 2.7 | (346.1) |
| Research and development | (631.1) | 47.1 | (584.1) |
| Marketing and sales | $(1,069.8)$ | 31.0 | $(1,038.8)$ |
| General and administrative | (287.4) | 37.7 | (249.7) |
| Amortization of acquired intangibles | (171.6) | 171.6 | - |
| Other operating income and expense, net | (38.4) | 38.4 | - |
| Total operating expenses | $(2,709.2)$ | 330.6 | (2,378.6) |
| Operating income | 768.2 | 344.3 | 1,112.5 |
| Financial revenue and other, net | 15.5 | 0.8 | 16.3 |
| Income tax expense | (220.4) | (98.6) | (319.0) |
| Non-controlling interest | 6.0 | (3.3) | 2.7 |
| Net Income (to equity holders of the parent) | 569.4 | 243.0 | 812.5 |
| Diluted net income per share (EPS) | 2.18 | 0.94 | 3.12 |
| Average diluted shares (Million) | 260.8 |  | 260.8 |

As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in IFRS15 due to the transition methodology used. Therefore, there is no available comparison with Q4 2017 figures under IFRS15.

## IFRS - Non-IFRS P\&L (\%) (IFRS15)

|  | IFRS QTD | NON-IFRS QTD | IFRS YTD | NON-IFRS YTD | As set forth in DS-17Q4 Earnings Presentation, prior year financial data could not be restated in |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2018 |  | 2018 |  |  |
|  | \% of revenue |  | \% of revenue |  | IFRS15 due to the transition methodology used. |
| Software revenue | 87.2\% | 87.2\% | 88.6\% | 88.6\% | Q4 2017 figures under IFRS15. |
| Licenses and Other software revenue | 32.5\% | 32.4\% | 26.4\% | 26.3\% |  |
| Subscription and Support revenue | 54.7\% | 54.8\% | 62.2\% | 62.3\% |  |
| Services revenue | 12.8\% | 12.8\% | 11.4\% | 11.4\% |  |
| Total revenue | 100.0\% | 100.0\% | 100.0\% | 100.0\% |  |
| Cost of Software revenue | 4.3\% | 4.2\% | 4.7\% | 4.6\% |  |
| Cost of Services revenue | 9.8\% | 9.7\% | 10.0\% | 9.9\% |  |
| Research and development | 15.9\% | 14.7\% | 18.1\% | 16.7\% |  |
| Marketing and sales | 29.0\% | 28.0\% | 30.8\% | 29.8\% |  |
| General and administrative | 7.6\% | 6.9\% | 8.3\% | 7.2\% |  |
| Amortization of acquired intangibles | 4.4\% | 0.0\% | 4.9\% | 0.0\% |  |
| Other operating income and expense, net | 2.9\% | 0.0\% | 1.1\% | 0.0\% |  |
| Total operating expenses | 73.8\% | 63.5\% | 77.9\% | 68.1\% |  |
| Operating income | 26.2\% | 36.5\% | 22.1\% | 31.9\% |  |
| Financial revenue and other, net | 0.3\% | 0.4\% | 0.4\% | 0.5\% |  |
| Income tax rate (\% of EBIT) | 30.8\% | 27.7\% | 28.1\% | 28.3\% |  |
| Non-controlling interest | 0.3\% | 0.1\% | 0.2\% | 0.1\% |  |
| Net Income (to equity holders of the parent) | 18.6\% | $\underline{\underline{26.8 \%}}$ | 16.4\% | $\underline{\underline{23.3 \%}}$ |  |

## Consolidated Statement of Cash Flows (IFRS 15)

| (in millions of €) | 4Q18 | 4Q17 | Variation | $4 \mathrm{C18}$ YTD | 4Q17 YTD | Variation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net income attributable to equity holders of the parent | 191.0 | 204.9 | -13.9 | 569.4 | 519.4 | 50.0 |
| Non-controlling interest | -2.9 | -0.3 | -2.6 | -6.0 | 0.7 | -6.7 |
| Netincome | 188.1 | 204.6 | -16.5 | 563.4 | 520.1 | 43.3 |
| Depreciation of property \& equipment | 14.8 | 12.7 | 2.1 | 57.3 | 49.5 | 7.8 |
| Amortization of intangible assets | 47.5 | 42.7 | 4.8 | 180.4 | 168.2 | 12.2 |
| Other non-cash P\&L items | 107.0 | -40.8 | 147.8 | 152.8 | -3.3 | 156.1 |
| Changes in working capital | -205.4 | -146.0 | -59.4 | -55.3 | 10.5 | -65.8 |
| Net Cash Provided by (Used in) Operating Activities (I) | 152.0 | 73.2 | 78.8 | 898.6 | 745.0 | 153.6 |
| Additions to property, equipment and intangibles | -24.2 | -21.0 | -3.2 | -72.4 | -84.5 | 12.1 |
| Payment for acquisition of businesses, net of cash acquired | -4.3 | -327.4 | 323.1 | -251.6 | -338.2 | 86.6 |
| Sale (Purchase) of short-term investments, net | -0.1 | 47.5 | -47.6 | 0.6 | 51.1 | -50.5 |
| Investments, loans and others | 1.5 | -3.0 | 4.5 | 0.2 | 4.2 | -4.0 |
| Net Cash Provided by (Used in) Investing Activities (II) | -27.1 | -303.9 | 276.8 | -323.2 | -367.4 | 44.2 |
| Acquisition of non-controlling interests | - | - | - | -101.5 | -37.5 | -64.0 |
| Repayment of short term and long term debt | - | - | - | -14.9 | - | -14.9 |
| (Purchase) Sale of treasury stock | -92.4 | -69.0 | -23.4 | -206.3 | -133.0 | -73.3 |
| Proceeds from exercise of stock-options | 10.7 | 28.6 | -17.9 | 69.9 | 62.4 | 7.5 |
| Cash dividend paid | - | - | - | -38.0 | -51.3 | 13.3 |
| Net Cash Provided by (Used in) Financing Activities (III) | -81.7 | -40.4 | -41.3 | -290.8 | -159.4 | -131.4 |
| Effect of exchange rate changes on cash and cash equivalents (IV) | 20.3 | -11.4 | 31.7 | 65.3 | -195.5 | 260.8 |
| Increase (Decrease) in Cash (V) = (I)+(II)+(III)+(IV) | 63.5 | -282.5 | 346.0 | 349.9 | 22.7 | 327.2 |
| Cash and cash equivalents at Beginning of Period | 2745.8 | 2741.9 |  | 2459.4 | 2436.7 |  |
| Cash and cash equivalents at End of Period | 2809.3 | 2459.4 |  | 2809.3 | 2459.4 |  |
| Cash and cash equivalents variation | 63.5 | -282.5 |  | 349.9 | 22.7 |  |




[^0]:    ** Excluding SOLIDWORKS and acquisitions

[^1]:    * Licenses and other software revenue

[^2]:    * Reflecting cash, cash equivalents, short-term investments and debt related to credit lines

[^3]:    * No amortization of acquired intangibles is included in Software Gross margin calculation

[^4]:    *includes subcontractors

[^5]:    * No amortization of acquired intangibles is included in Software Gross margin calculation

[^6]:    * No amortization of acquired intangibles is included in Software Gross margin calculation

