



Presenting the new efficient Data Center of G-Cloud

Presented by: Thanassis Tsikogias, Data Center Solutions Architect, Schneider Electric
Konstantinos Vasileiou, Head of Datacenter & Information Systems Support, Information Society SA

Life Is On



Schneider Electric, the Global Specialist in Energy Management and Automation

€24.7 billion

FY 2016 revenues

~5%

of FY revenues devoted to R&D

160,000+

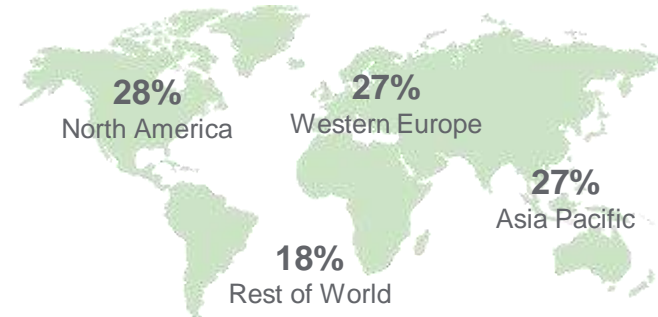
people in 100+ countries

Four integrated and synergetic businesses

– FY 2016 revenues



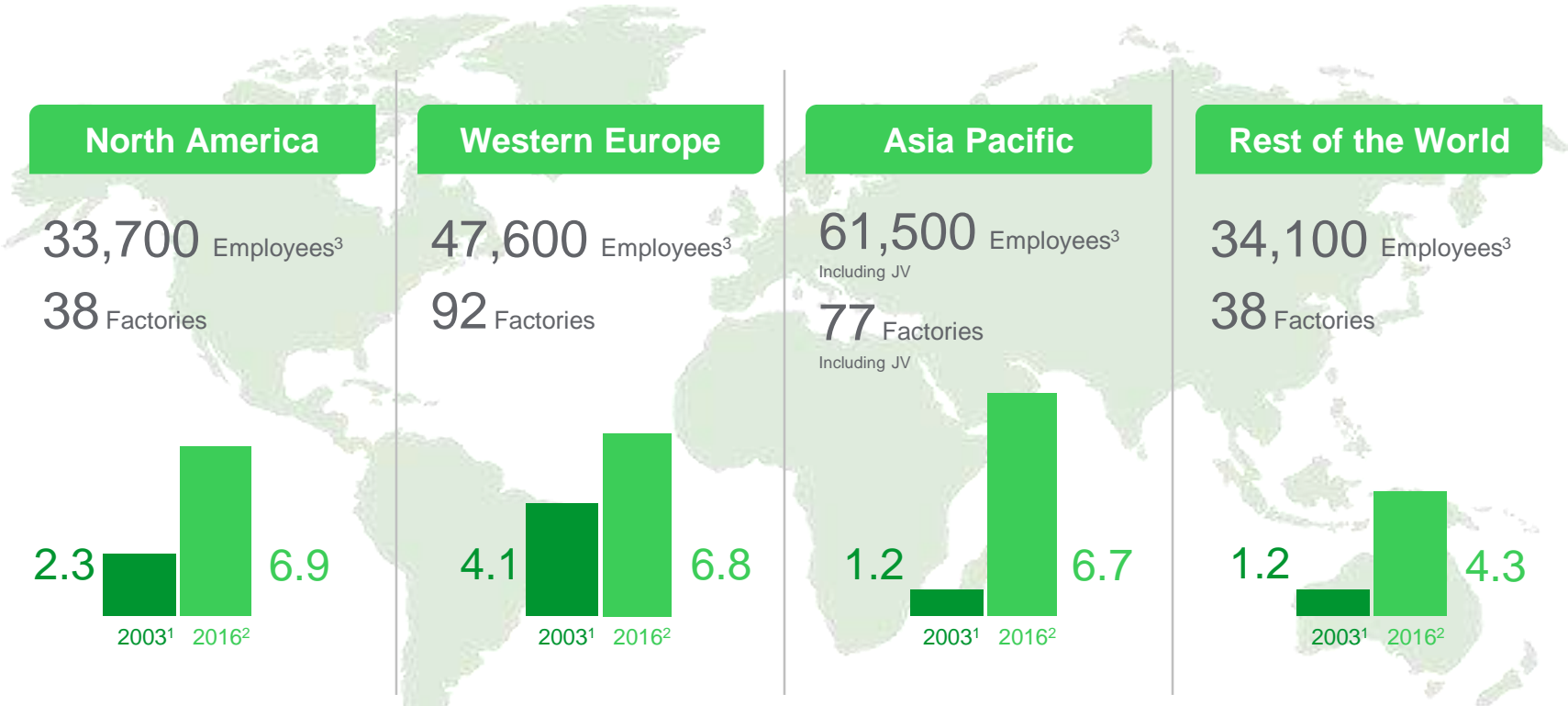
Balanced geographies – FY 2016 revenues



Life Is On

Schneider
Electric

Schneider Electric Global Business in Over 100 Countries



1: Published figures in billion € restated to reflect country-market view;
2: Billion € pro-forma basis including LTM Sep 2014 revenue for Invensys
3: Including Invensys, excluding Delixi and Fuji

Schneider Electric commitment to a high investment in technology for innovation

A Technology Company

- c. 11,000 R&D engineers, c. 10,000 application and software engineers
- 20,000 patents active or in application worldwide, >500 filed in 2014
- With recognized innovations

Recognized highest ranking DCIM solution in Gartner Magic Quadrant (Oct 2014)



StruxureWare[™]
for Data Centers

M580: World's first ePAC with built-in ethernet

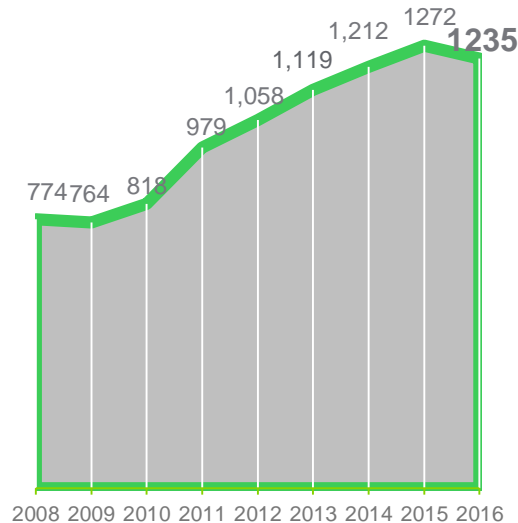
&

Machine Solution – NEXT Controller Generation



R&D Investment

~5% of sales devoted to R&D



An Ecosystem for Open Innovation

Partnering with 50+ best-in-class public and private organisations



Leading global projects for Intelligent buildings, renewables,

Homes, Minalogic, Smart Electricity

Boosting Standardisation
Zigbee, IEC, NEMA



Funding start-ups
Aster Capital fund

Demand response, software breakthrough

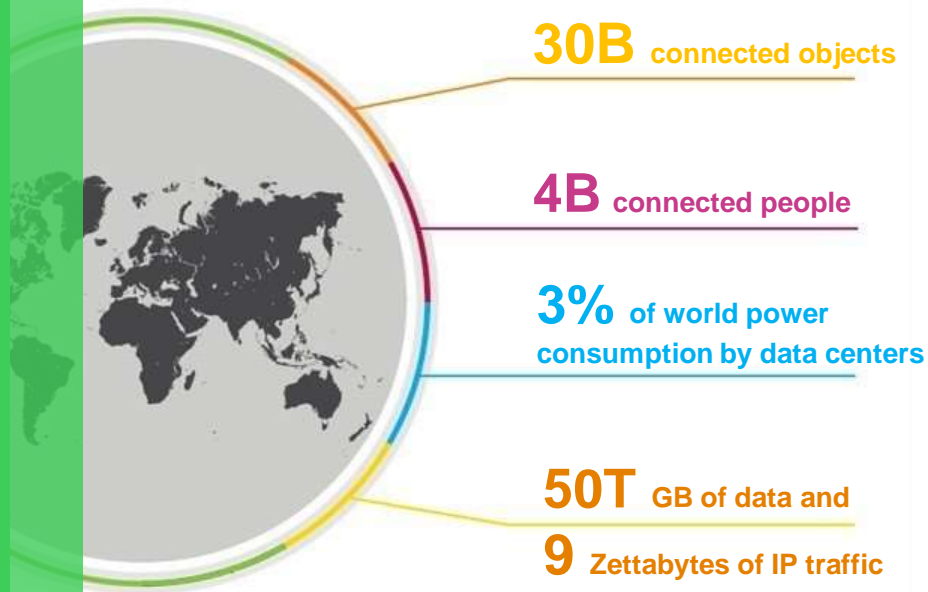
Life Is On

Schneider
Electric

By 2020, the world will be a different place...

...it is undergoing profound transformation to support the enormous data volumes and processing demands that are being generated by the Internet of Things (IoT).

The world in 2020...



Sources: Gartner, IDC, Uptime Institute, Cisco

Life Is On

Schneider
Electric

Latest evolving key trends in the market



Hybrid architectures of
on-premise, off-premise,
Public & Private cloud

Latency, bandwidth &
regulatory demands
driving Edge Computing

Simplification in data
center Physical IT &
infrastructure

Leveraging Data Center
Infrastructure Management
& Digital Services

Three key challenges to the market



Shift to cloud

86%

of workloads by 2019 will be processed by cloud data centers; only **14%** will be processed by traditional data centers

Source: Cisco Global Cloud Index



Need to increase speed

÷2

time to design and deploy to keep up with the explosive pace of business and IT technology changes



Addressing the energy challenge

€250 billion

spending on WW data center electricity in 2015 (600 TWhr in 2015 to 1,400 TWhr by 2020)

Source: McKinsey Report

Our solutions to address those challenges



Comprehensive
Data Center Physical
Infrastructure

Prefabricated
Solutions including
micro data centers

Life Cycle Services

Software & Digital
Services

Life Is On

Schneider
Electric

LV Switchgear



MV Switchgear



Data Center
Life Cycle Services



Rack Mount
PDUs



IT Racks



We hold market leading positions in all data center solution categories

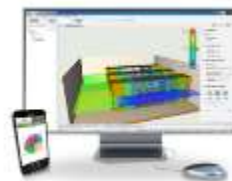
3-Phase UPS



Cooling



DCIM



Data Center Infrastructure
Management

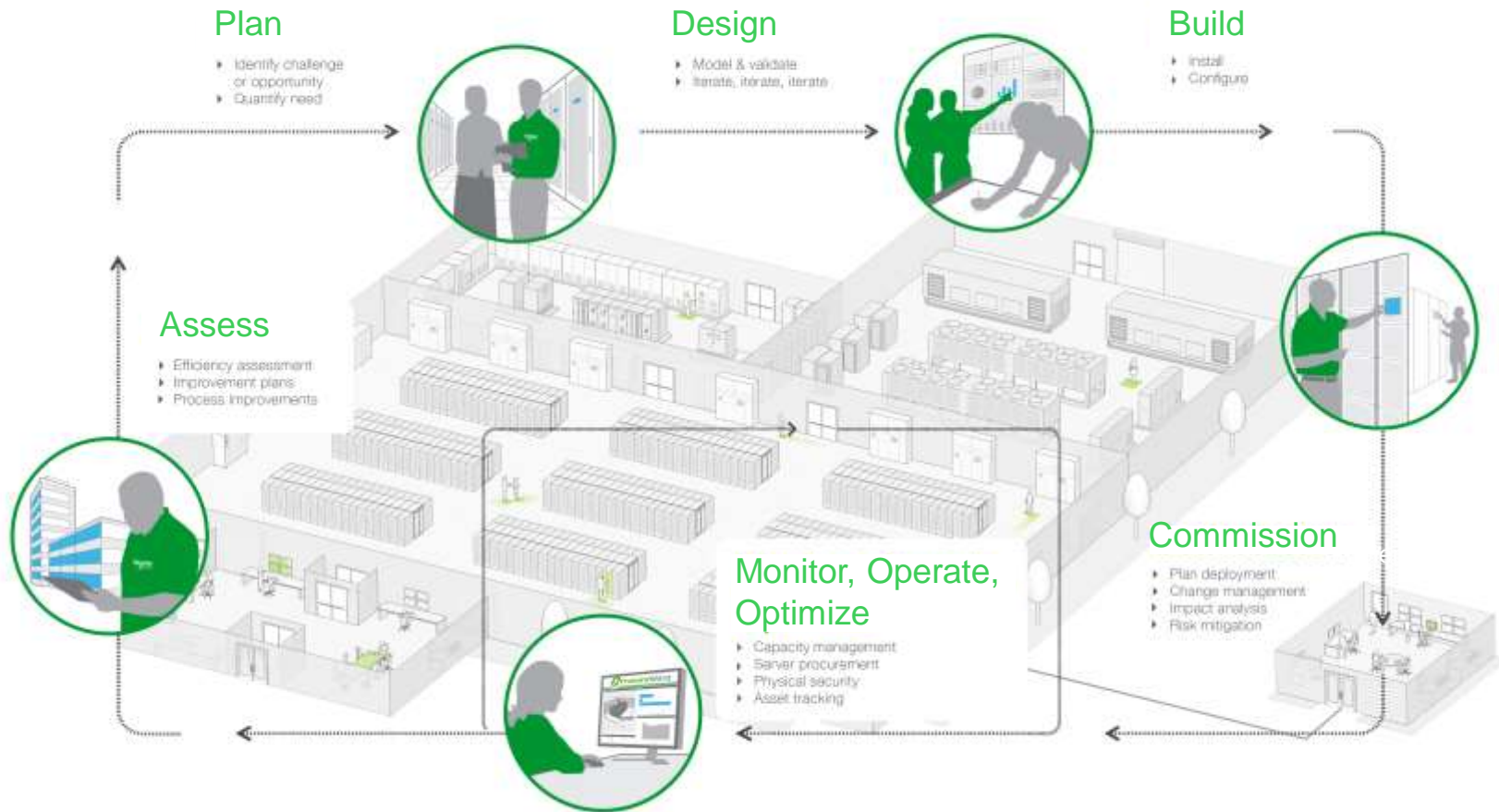
BMS



Building Management
System

Design and Build Services: Optimizing the data center lifecycle

Enables the business-driven data center



The greatest team of experts

Sharing experience in all phases of a Data Center project



Experts services offer:

- > Technicians
- > Program managers
- > Administrative support
- > Solution Architects
- > Certified partners

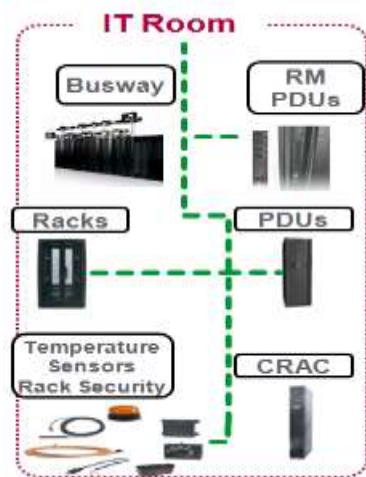
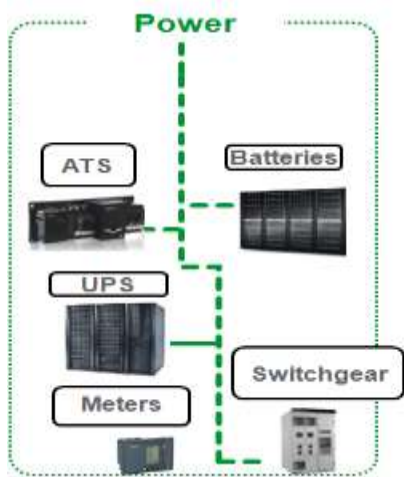
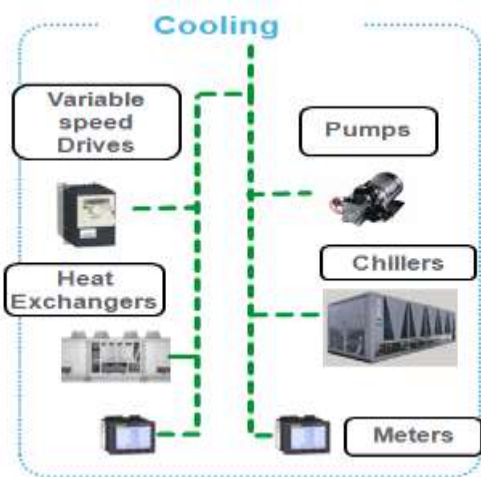
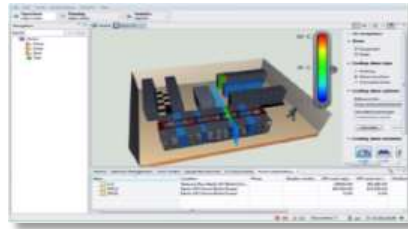


Life Is On



Data Center Infrastructure Management (DCIM)

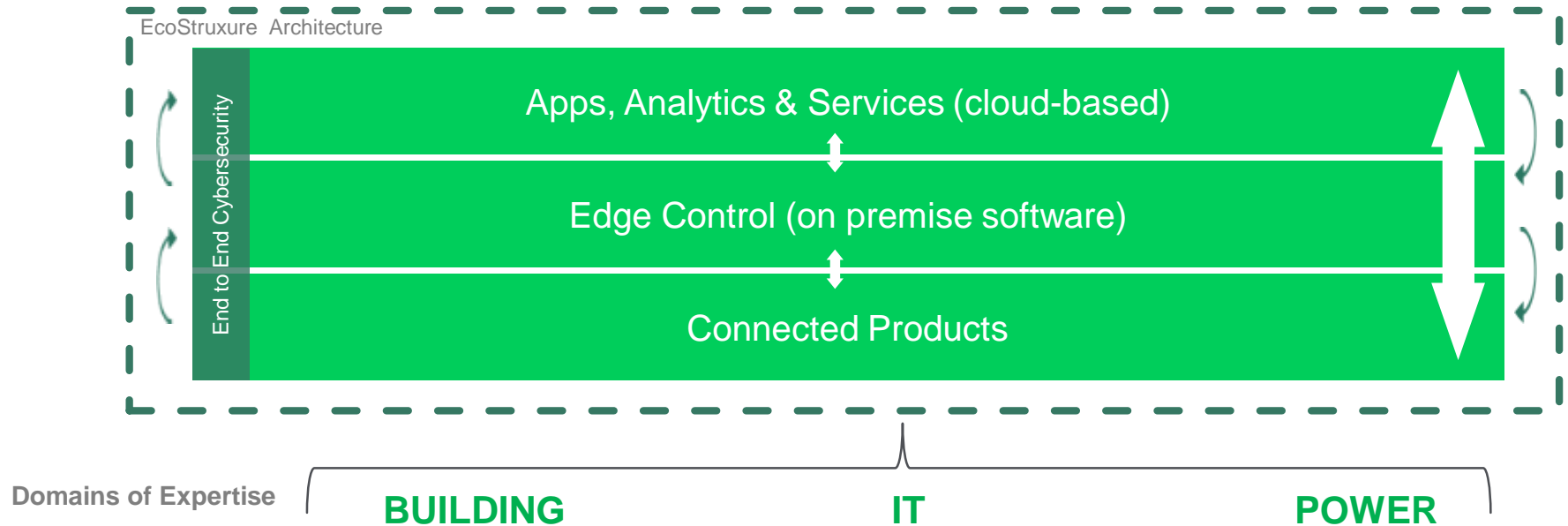
StruxureWare DCIM



Coming Next

EcoStruxure: Innovation At Every Level

EcoStruxure[™] Data Center
Innovation At Every Level





chico's



interxion



Green Mountain

Microsoft



NTT



INTERNAP



The greatest businesses employ globally
Schneider Electric Solutions

Life Is On



Schneider Electric

in Association with

Information Society

Present

The New Efficient Data Center

of G-Cloud



Life Is On



Schneider
Electric