# Investor Day

February 20, 2014

# **Industry Business**

Clemens Blum EVP, Industry Business



# We have built a global leader in Industry



# We are a global leader in automation...

### Business size<sup>1</sup>

€6.0bn

2013 revenues #2worldwide

Discrete Automation #4 worldwide

**Process Automation** 

# **Key Channels**

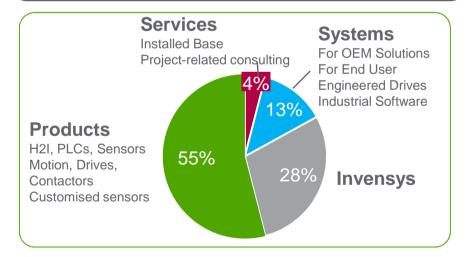
**Distributor** 

**OEMs** 

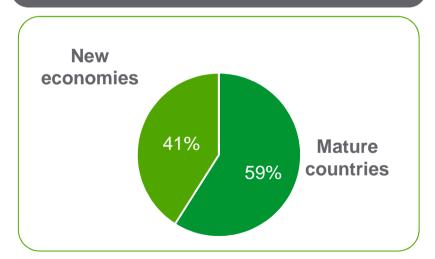
**System Integrators** 

**End-users** 

# Our offer<sup>1</sup>



# Geographies<sup>1</sup>



**End markets** 



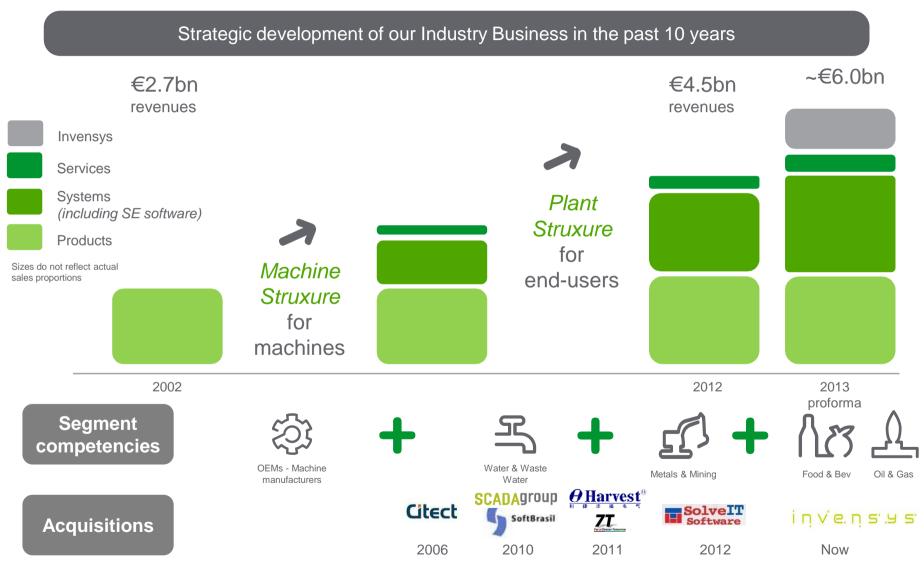
Non-residential & Residential Buildings





Primary end market Other end markets

# Successful transformations expand our business scope and segment access



# ...serving both discrete and process segments with the integration of our power offerings



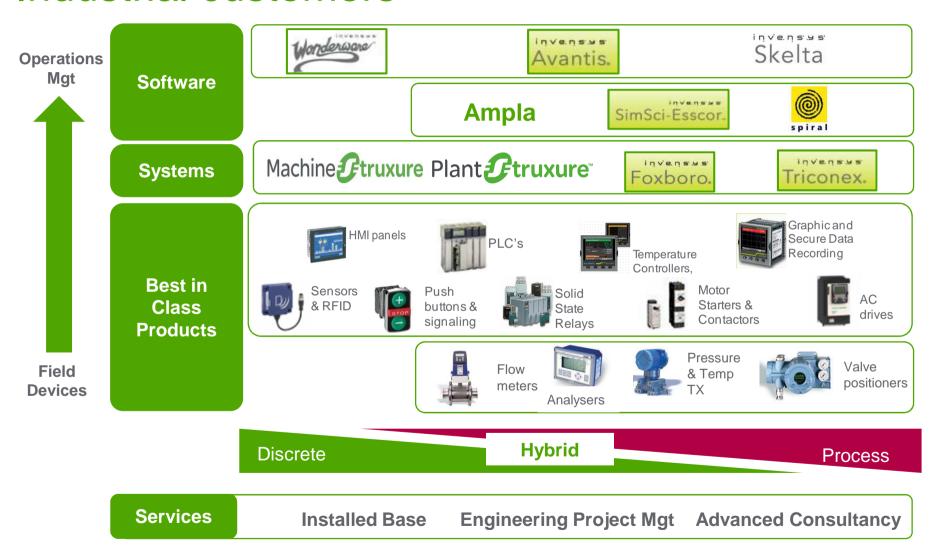


Maximize solution scope potential with our Power<sup>(1)</sup> offerings

1 Low voltage, medium voltage and critical power technologies

Industrial automation

# We have a comprehensive portfolio for all Industrial customers



# Our business benefits from favorable external trends



# We see sustained demand for automation driven by search for maximum productivity...

#### **Favourable Trends**

Rising costs with increased volatility

Demand for Quality & Safety and increasing labor cost Volatile demand and shorter product life cycles

Holistic Enterprise View

Increasing Regulations

### **Business opportunity**

Growth in Automation

Increasing demand for Operational Efficiency

Energy & Automation Convergence

Enabled by Software and Connectivity

# ... making it an attractive market

#### **Market Characteristics**

- Sustainable high demand for automation
- Diverse customer base
- Different business model (product/solutions)

Diverse, Sustainable, Resilient

### **Strong Fundamentals**

### Growth

- Overall automation CAGR of 6,0%<sup>1</sup>
- Industrial Software CAGR 8%<sup>1</sup>
- CAGR of targeted segments 5% to 9%¹

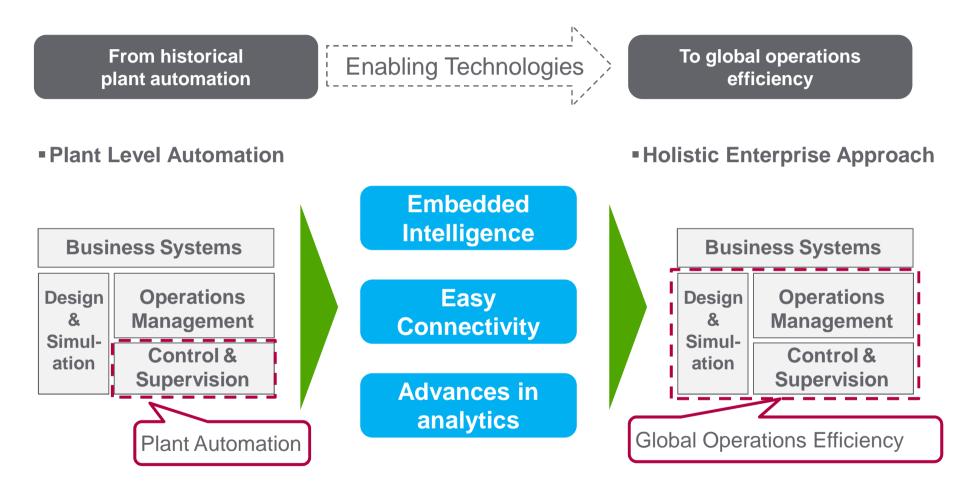
### **Profitability**

 Average sector operating margins of ~10-15%

Industry is driven by the continuous search for improved efficiency and business optimization

Automation has a key role to play

# There is increasing demand for Operational Efficiency enabled by technology



Schneider Electric manages the Data at the Plant Level and has a Key Role to play in Global Operations Efficiency and gain mindshare of the customer

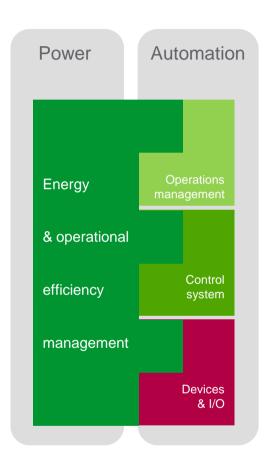
# ... this accelerates the integration of Energy Control and Process control

Technology

- Deeper integration of architectures is expected for energy management in all industries
- Opportunity for differentiation

Access

- Energy management: part of day-to-day operations management
- Strong pull through of electrical distribution and life cycle services



Automation technologies + Installed base access => optimal delivery of our promise of efficiency to customers

# We are on a clear path to capture opportunities from positive external trends



# We have well structured initiatives for growth with the contribution from Invensys



# We continue to innovate for simplicity

Best In Class Products

### **Higher Efficiency**

#### Service-oriented drives with

- Using QR codes and smart phones for rapid diagnostics
- Specific context-dependent identification code
- Accelerated Customer Care



Minimize

Downtime by 20%

#### **Wireless and Less Wire**

- *iOS* and *Android* apps for operator panels
- Intelligent USB devices for reduced wiring and increased functionality
- Wireless EMS for hoisting applications



### **Lower Total Cost of Ownership**

# **Smart Software Objects**

- Lower costs to design, build & maintain
- Software for faster design cycle



### Easier to use

- Integrated safety and motor control
- Energy dashboard library
- Intuitive web-based monitoring/ diagnostic configuration









# 2014 Major Launch - Altivar Process Drives

Best In Class Products

### **Addressing Process Customers Needs**







### With Built -In Services





Optimal operation point



Built in power monitoring



Improved MTBF's of equipment



# Our "Easy" line is customized to meet the local needs in new economies **Best In Class**

**Products** 

Fit for purpose

- Optimized Level of Performance
- Uncompromised Robustness & Quality

**Developed in and for** the new economies

- Widespread availability
- Designed and manufactured in China for new economies

# **Our Offer Easy Motion** Easy HMI **Easy LV Drive Easy PLC Easy Relays Easy Pushbuttons**

# Typical industrial applications



**Textile** 



Packaging



Pump/HVAC



Hoisting



General purpose machines

# Our Machine Ftruxure reduces complexity for OEM's

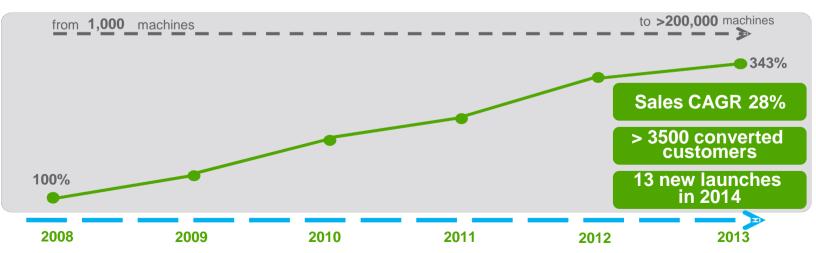
Machine €truxure

One single software environment

Unique TVDA¹ value proposition

End-to-end service support

Simple and easy to use



# ...leading to Continued OEM Growth

**Italy: Beverage & Cosmetics Labeling Machine Range** 

Strengthen
Segment Leadership

HMI Panels & Push buttons

#### **Customer needs**

- One supplier for all machines
- Scalable & modular offer across machine range
- International Support

#### **Customer View**

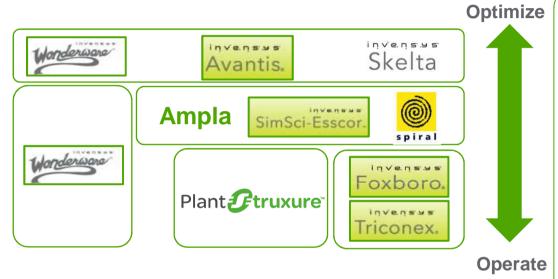
"Schneider Electric's broad offer and global positioning gave me comfort that I could standardize automation across all machines thereby reducing costs while getting support anywhere in the world where our machines are installed"



# We have a broad End Users Systems Portfolio

**Small-to-Large, Discrete-to-Process Coverage** 

Strengthen
Segment Leadership



Discrete "Hybrid" segments automation

### **Broad Systems Portfolio**

The combination of:

- Foxboro/Triconex
- PlantStruxure PES<sup>1</sup>
- Wonderware System Platform

Gives Schneider Electric the broadest systems portfolio in the industry

- Small-to-large DCS
- Discrete to Hybrid to Continuous Process
- Leading Software position

Reinforcing our End User business and creating value for our large accounts

# PlantStruxure has proven its early success

**Brazil: Anglo American mining** 

Strengthen
Segment Leadership

#### **Customer needs**

 Upgrade to increase Niobium production from 3800 tonnes per year to 6500 tonnes

#### **Customer Benefits**

"Schneider Electric were able to offer us a cost effective solution from a *very broad portfolio* that met our strict technical requirements.."

#### **Schneider Electric Solution**

A complete Mining Information & Control System:

**Business Systems** 

Design & Simulation

Operations Management

Control & Supervision

**AMPLA + Vijeo Historian** 

PES+

Quantum

Plant Ftruxure

**Ethernet iMCC +** 

**Profibus Field Connectivity** 

**30** Smart Software Objects developed according to Anglo's standards



# We're well positioned to cover the entire value chain in Oil & Gas segment Strengthen Segment Leadership









**UPSTREAM** 

**MIDSTREAM** 

**DOWNSTREAM** 

DISTRIBUTION

**Smart Field O&G** 

Enterprise Pipeline Management

Simulation/- modelling

Fuel Supply Chain

Automation

**Process Control & Safety** 

Sub-Sea Power - Power Equipment - Optimized E-house - Security System

**Energy Management and Control Solutions** 



Schneider Electric existing offer



Invensys offer

# We continue to upgrade process offerings to keep our technologic advantage Strengthen Segment Leadership

### Launched Award Winning Foxboro Evo<sup>™</sup>







### **Key Customer Benefits**

### **Increased Operational Integrity**

- Integration with *Triconex*
- Increased cyber security
- Reduced mean time to diagnose

### **Enhanced Operational Insight**

- Faster operator response
- More proactive maintenance

#### **Future Proof investment**

Lowest total cost of ownership

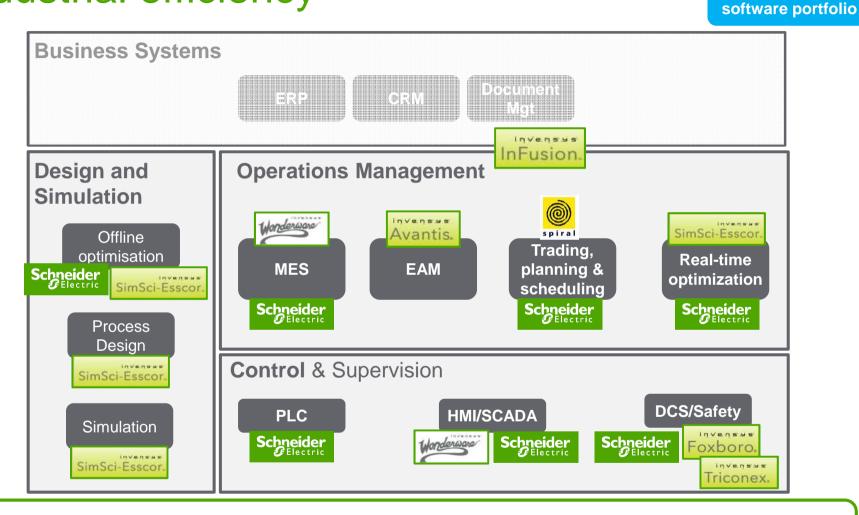
### **Market Reactions**

This is the clearest and most on-target mission statement for process automation that ARC has heard. It's worth memorizing." – Harry Forbes, ARC Advisory Group

"Now we see where you have spent your R&D money the last couple of years..." - Customer, Large Biofuels Company

"We have stress tested the CP280 to and beyond its limits and it was absolutely awesome to see the power and stability this new controller has - A. Weiss (INEOS)

# Our software competence spans across total industrial efficiency



Higher customer benefits leading to higher customer mindshare

# Our integrated software and hardware bring higher customer value

Enhance software portfolio

One of the largest sugar producers in South Africa

### **Customer needs**

- Implement MES system to track plant performance
- Replace legacy DCS with SCADA + PLC solution

#### **Customer Benefits**

"The ability of the Wonderware System Platform to integrate & consolidate data across the different systems & deliver it to managers' desktops enables us to be pro-active, rather than reactive"

### **Schneider Electric Solution**

Wonderware System Platform working seamlessly with Schneider Electric PLC's to replace a legacy DCS.

# **Business Systems**

Design & Simulation

**Operations Management** 

Control & Supervision

MES Performance System Platform InTouch + Historian

**SE Quantum PLC's** 







# Invensys integration



# Invensys: a strong strategic fit to drive higher growth and value creation

# The Invensys acquisition reinforces our business



1

Reinforce industrial automation capabilities



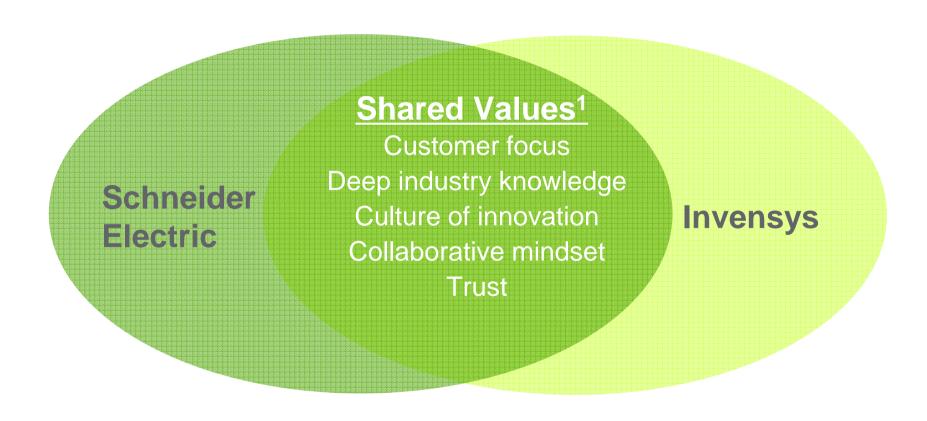
Boost
our positions in
key electro-intensive
segments



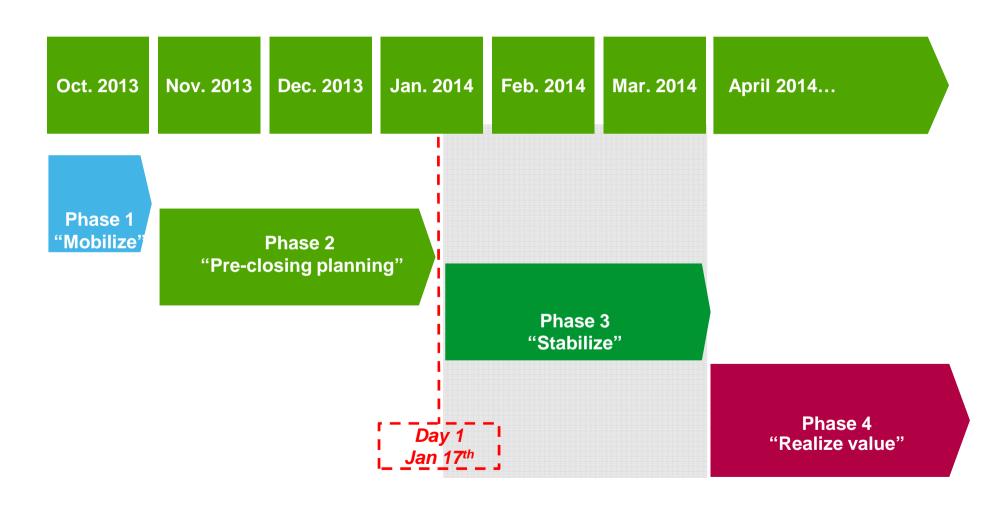
Strengthen
software
for customer
operational efficiency

Capture growing need for automation

# There is strong cultural fit of both Companies Employees



# Integration is well prepared to ensure business continuity along with value creation



# Early business workshops confirmed our synergy targets

### **Major Workstreams**

#### **HR Workstream**

Many shared values between the two companies

# **Synergies Workstream**

- Multiple concrete revenue synergy levers confirmed
- Complimentary commercial access (channels/accounts)
- Procurement synergies identified

### **Technology Workstream**

Offers are complementary with very limited overlap.

# **Key takeaways**

- Integration on track: basics already in place, eg SE intranet access for Invensys
- Enhanced User Value Propositions for Global Strategic Accounts
- Network of sales champions already in place in both companies
- Invensys & SE sales teams are excited by the opportunity

# Conclusion



# We are well positioned to grow due to our strong foundation and value addition from Invensys

Key Strengths

- Deep expertise in automation with proven leadership position
- One of the few players credible in both Discrete and Process
- Cross selling opportunities and Pull through other business
- Strong industrial software platform

Business Opportunities

**Growth in Automation** 

+

Focus on Operational Efficiency

Energy & Automation Convergence

Clear growth Initiatives

Best In Class Products

Strengthen Segment Leadership

Enhance software portfolio

**Focused Invensys integration** 

# Help people make the most of their energy

