

Digitale Perfektion statt Datengrab

Maximilian Schappelwein



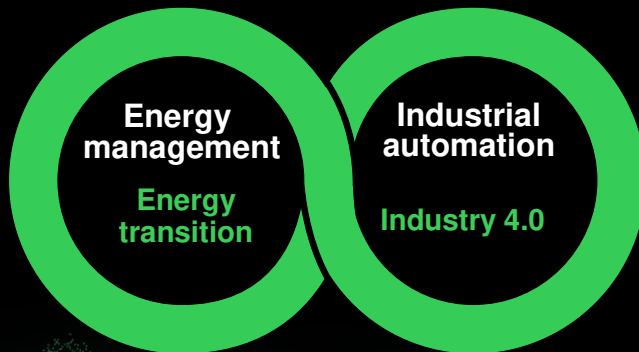
Well positioned for sustainable growth in coming years

€34bn

Group FY 2022 revenues

128k+

Employees in over 100 countries



Two businesses

BALANCED



Revenues
(by Group)

| | | |
|----------|---------|---------------------|
| 58% | 24% | 18% |
| PRODUCTS | SYSTEMS | SOFTWARE & SERVICES |

End
Markets

| | | | |
|--------------|-----------|----------|----------------|
| 16% | 37% | 34% | 13% |
| DATA CENTERS | BUILDINGS | INDUSTRY | INFRASTRUCTURE |

Revenues
(by Geography)

| | | | |
|----------------|---------------|--------------|---------------|
| 25% | 32% | 30% | 13% |
| WESTERN EUROPE | NORTH AMERICA | ASIA PACIFIC | REST OF WORLD |

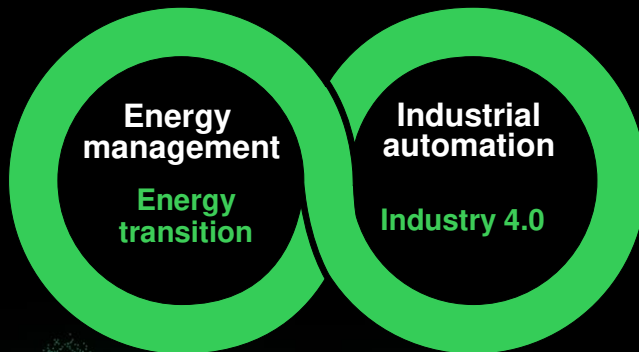
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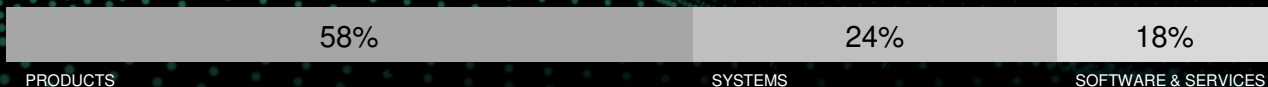


Two businesses

ONE IoT PLATFORM **EcoStruxure**™ Innovation At Every Level + ONE software PLATFORM **AVEVA**™

BALANCED

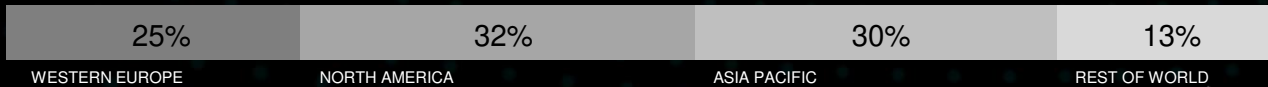
Revenues
(by Group)



End
Markets



Revenues
(by Geography)



Customer: voestalpine Krems GmbH

Project goals

Closed loop rollforming

Digital twin machine

Efficiency gain through detailed permanent online analysis of machines and production lines plus automated adaption of production parameters based on raw material and gained insight

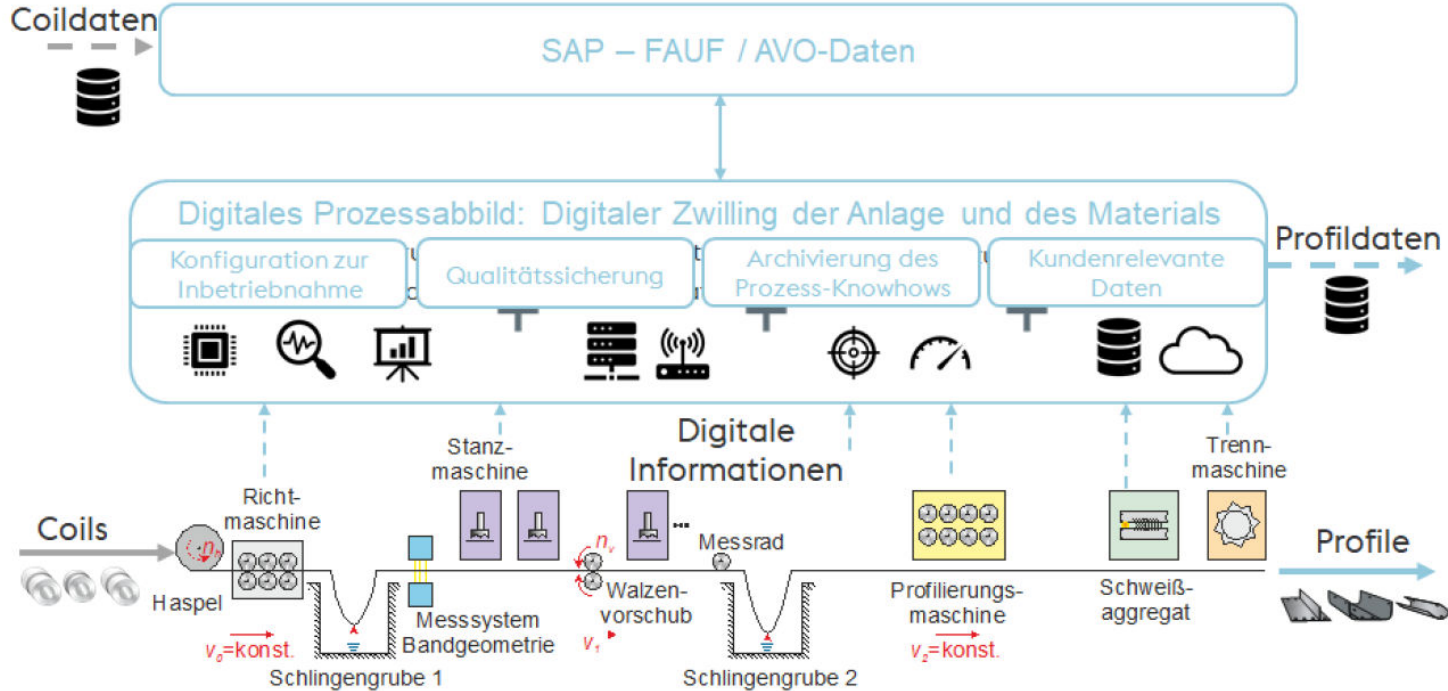
Product passport

Digital twin product

Precise tracking of data how piece was handled in production process as well as carbon footprint (scope 1 & 2) determination.

voestalpine Krems GmbH: Vision of “digital platform”

„One platform for process, quality and energy data“



One platform

for process, quality and energy data

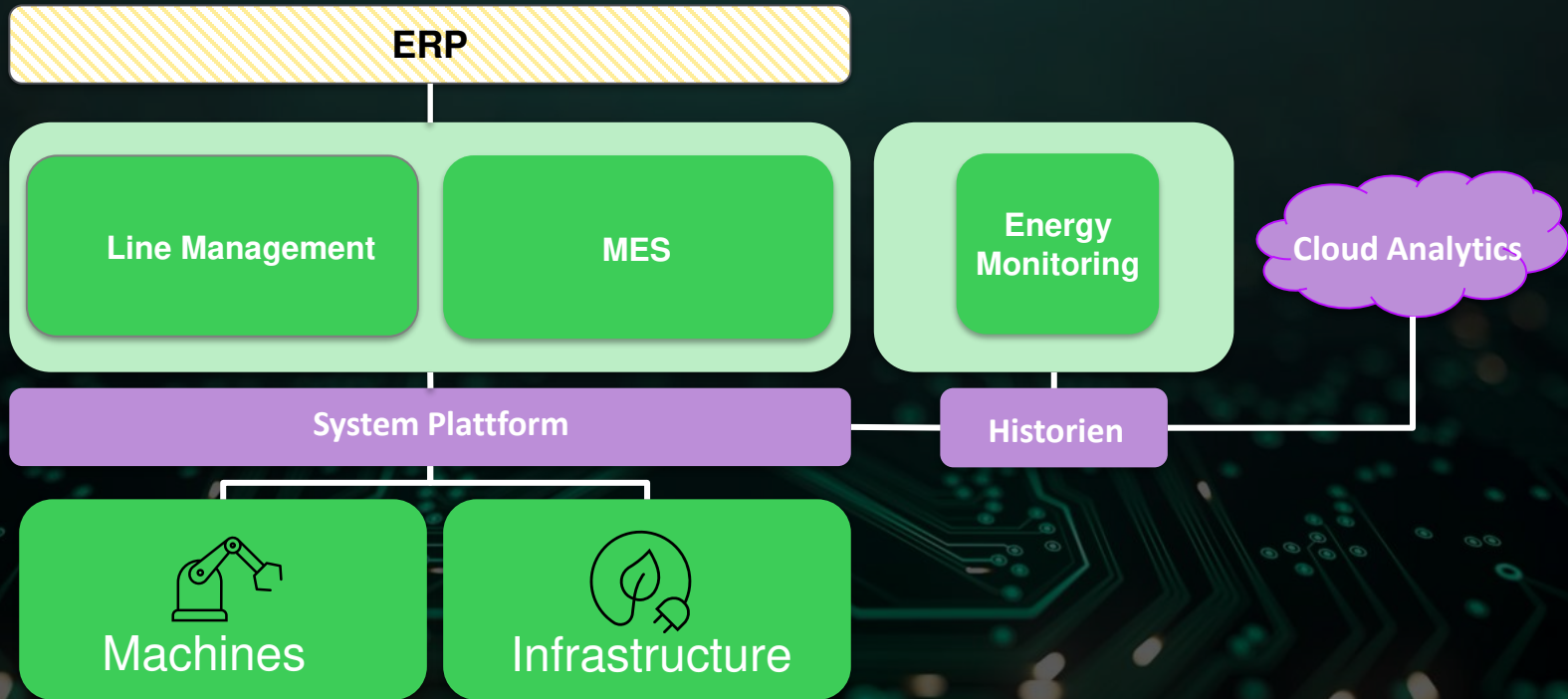
One company

fully integrated solutions

Life Is On

Schneider
Electric

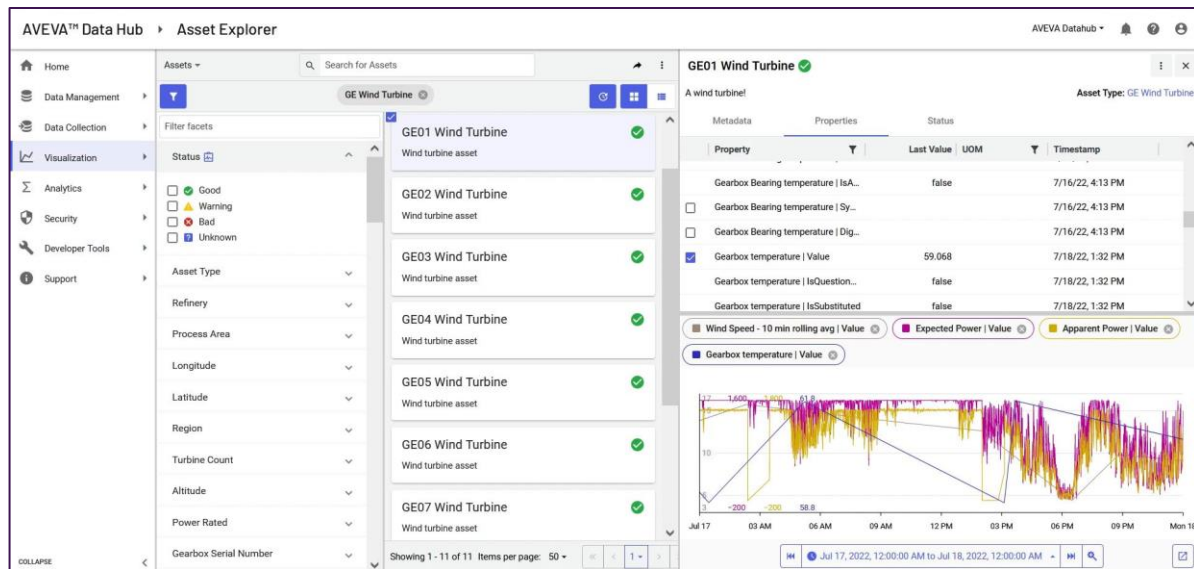
Simplified Architecture



Assets centric data to give accessible insight

Assets

Asset types & Assets



- **Static metadata** (Region: Austria, Rollforming Plant: Asset Type: Tubelaser, , Manufacturer: Trumpf, Model: XY-, ...)
- **Stream reference properties** (Active power, pieces produced, operating state, etc.)
- **Asset status** (stream property values mapped to status: good, warning, bad)

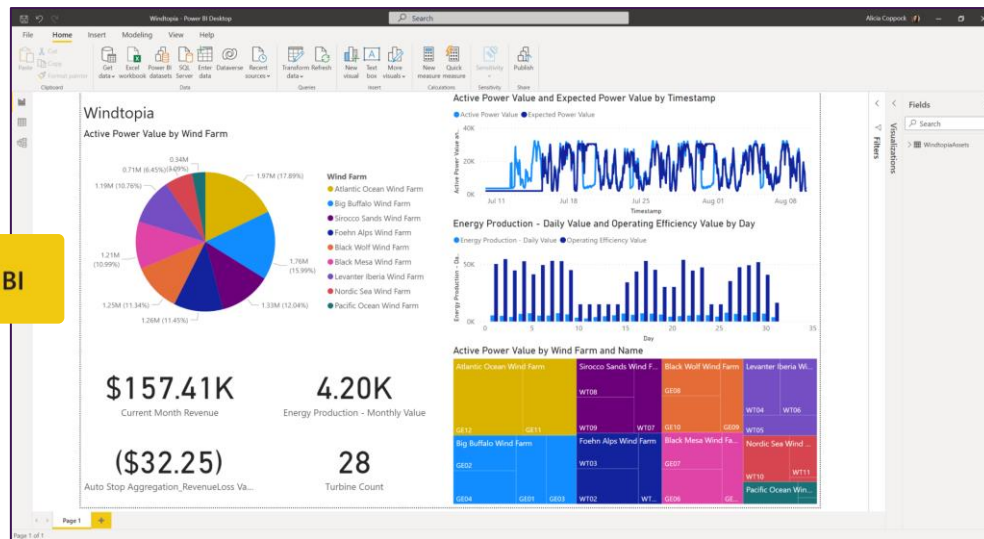


Power-BI Plugin to process your data

ADH Power BI Connector

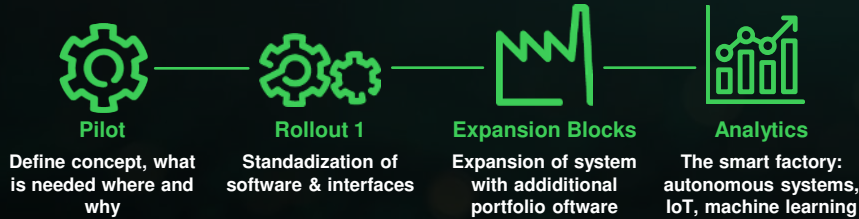
ADH
Data Views

AVEVA Data Hub Power BI Connector



- ✓ Import ADH Data Views into Power BI
- ✓ No coding required
- ✓ Stored & Interpolated retrieval modes
- ✓ Power BI Desktop and Power BI Service (through On-Premises Data Gateway)

solid foundation for the challenges of the future



Single source of truth
Time synchrony
Asset-centric data
Software-centric
open & scalable
cloud or on premise





Schneider Electric Austria GmbH

Maximilian Schappelwein

maximilian.schappelwein@se.com

+43 676 34 66 927

IMPACT

Company



Life Is On



Schneider
Electric

