

Modern automation systems in Batch Plants and Cullet Recycling Plants







Wertheim – our hometown

ZIPPE premises in Wertheim





Management





Dr. Philipp Zippe CEO

4th generation

Mana

Günther Mlynar Managing Director

Scope of Services



Batch Plants

Cullet Plants

Automation

Modernization

Engineering

Factory Cullet Recycling

Glass Recycling

Batch Charging

Glass Level Controlling

Preheating

Maintenance and Service

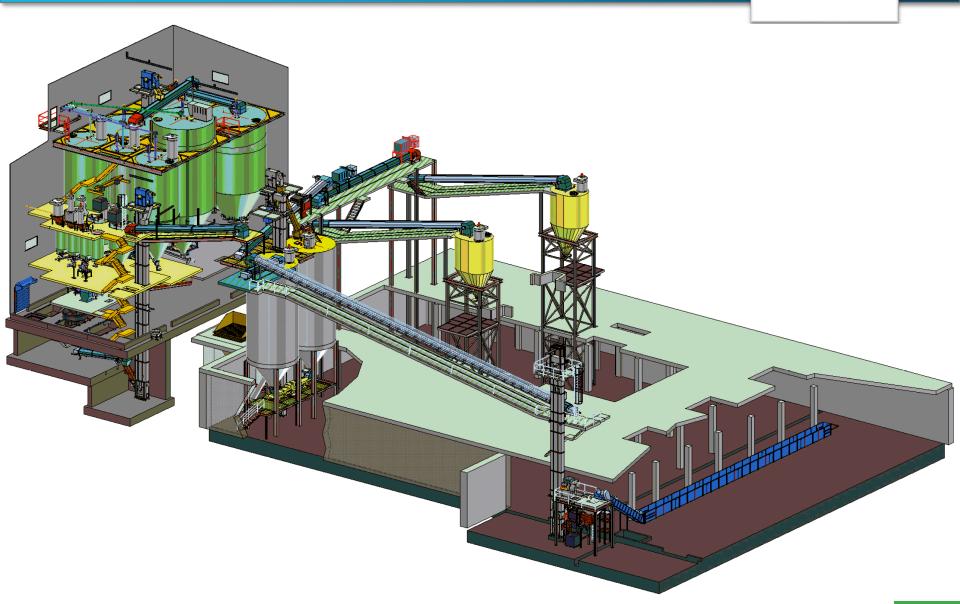


Batch Plants

for the automatic production of homogeneous glass batch

Batch Plant Design





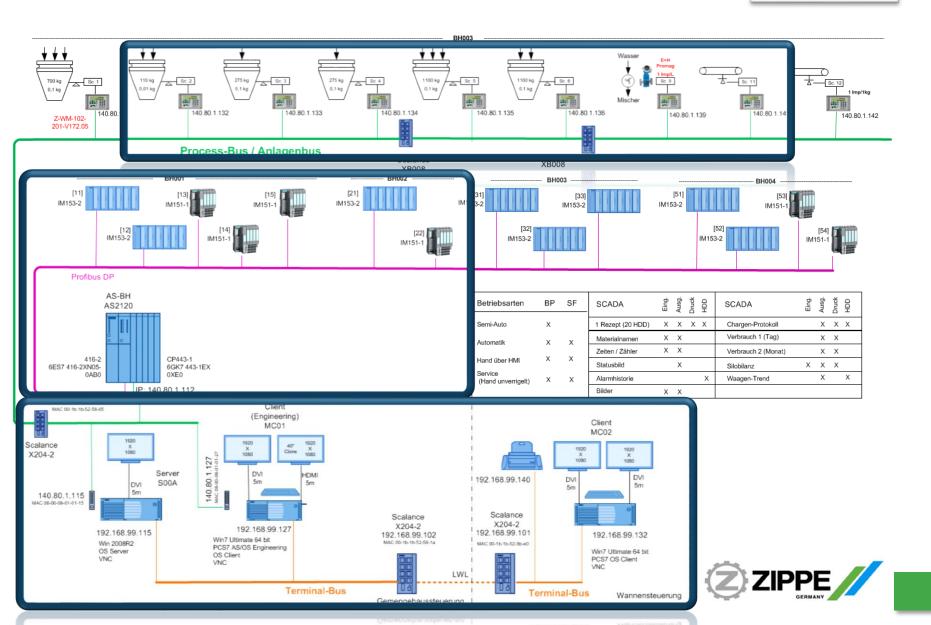


To control perfection.

To switch the future.

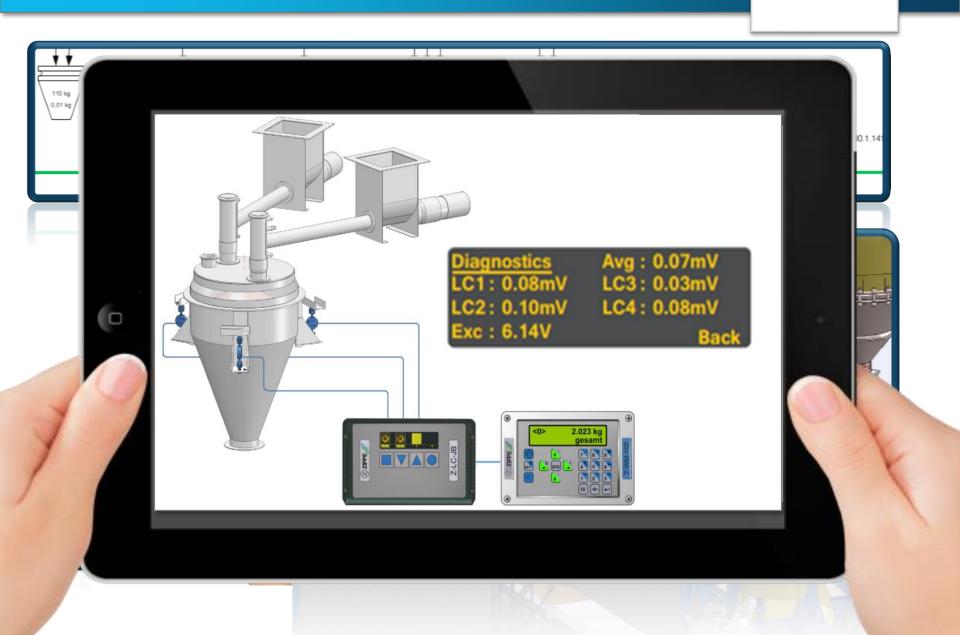
Modular Main Components





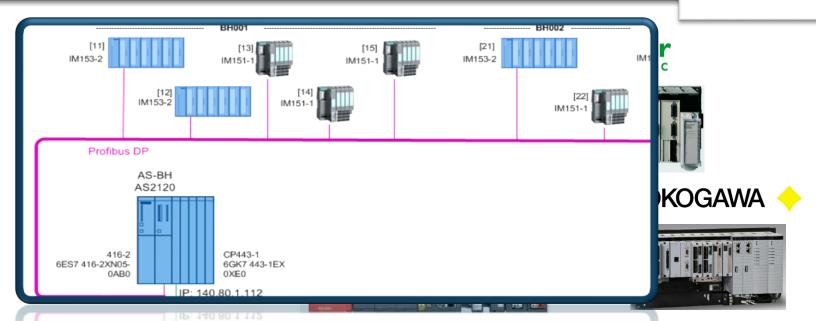
Weighing components



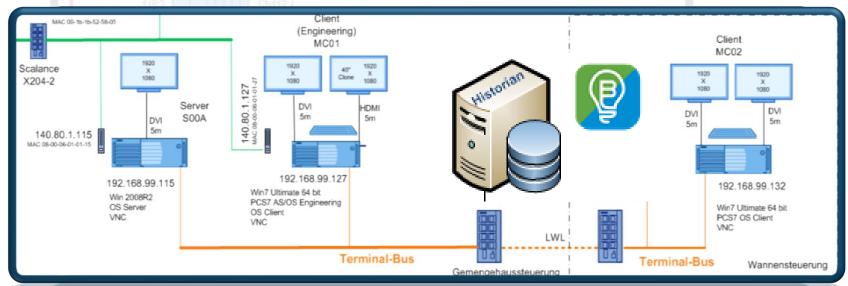








SCADA & DCS System:



Philosophy for redundancy





Hardwired Redundancy

- Easy commissioning
- Easy and intuitive to use
- High reliability
- Quick overview in emergency case





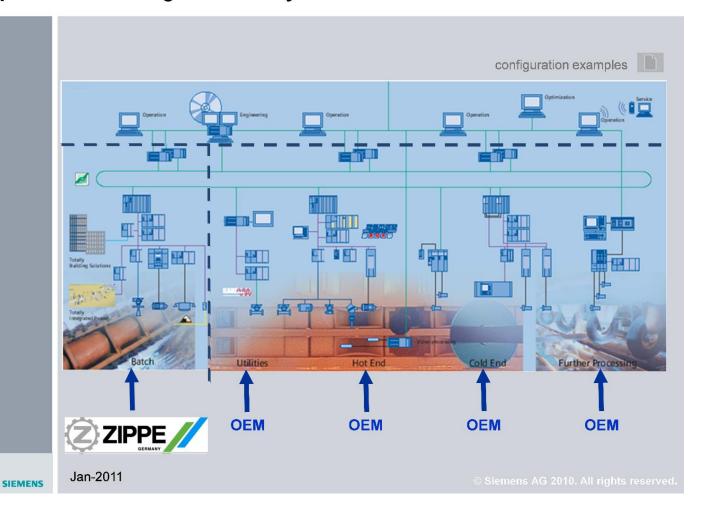
Redundant PLC and SCADA

- ✓ High availability
- ✓ Maintenance during production

Plant wide integrated automation



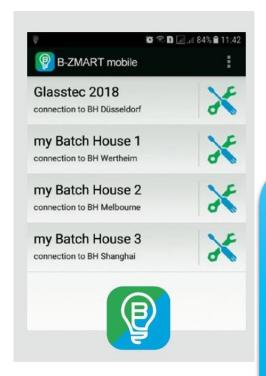
Plant wide integrated automation from raw material to final products including deliveries by named OEMs



B-ZMART®

















Smart Access via B-ZMART® app









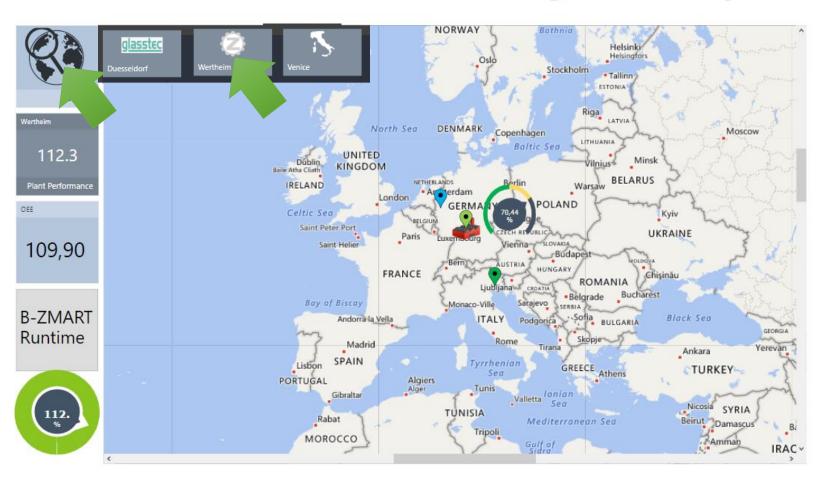




World wide integrated automation

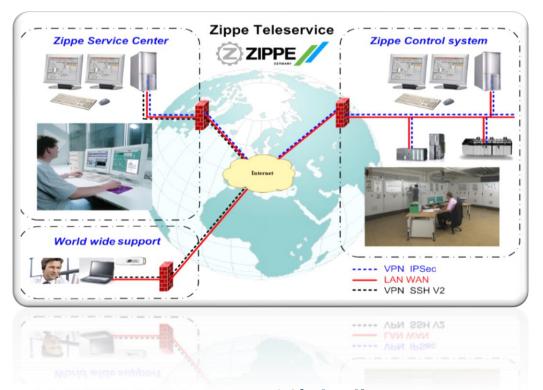


B-ZMART Runtime Silomanagement Cycletime



Remote service and after sales service





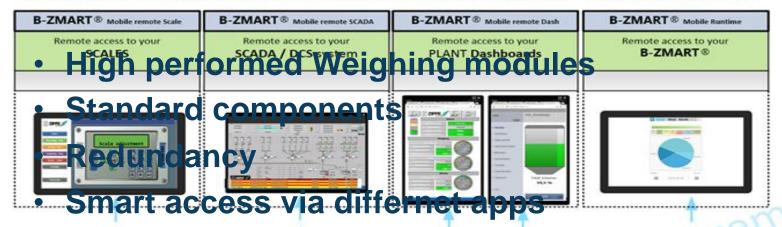


- 24/7 hotline
- Remote control via VPN, 3G, ...
- Spare parts
- Manuals and Tutorials
- Support via Augmented Reality

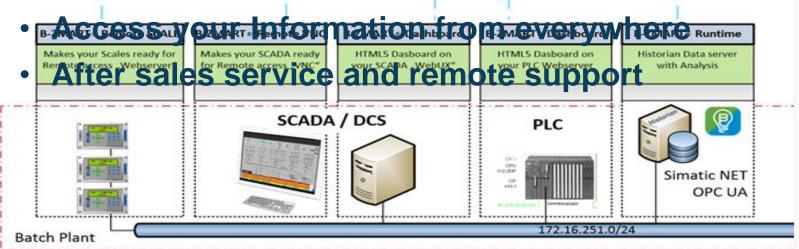




fulfills real-time access to your batch plant at ones' fingertips - anytime, anywhere



- Charts and Dashboards help-you to improve productivity





Benefits:

- Increase of operation reliability
- Increase of plant availability
- Assurance of a spare parts supply
- Improvement of system performance
- Optimisation for easy maintenance
- Link-up option to subordinate systems (ERP)
- Faster world-wide support (24/7)
- Upgrade changeover while operating



Thank You !!!

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