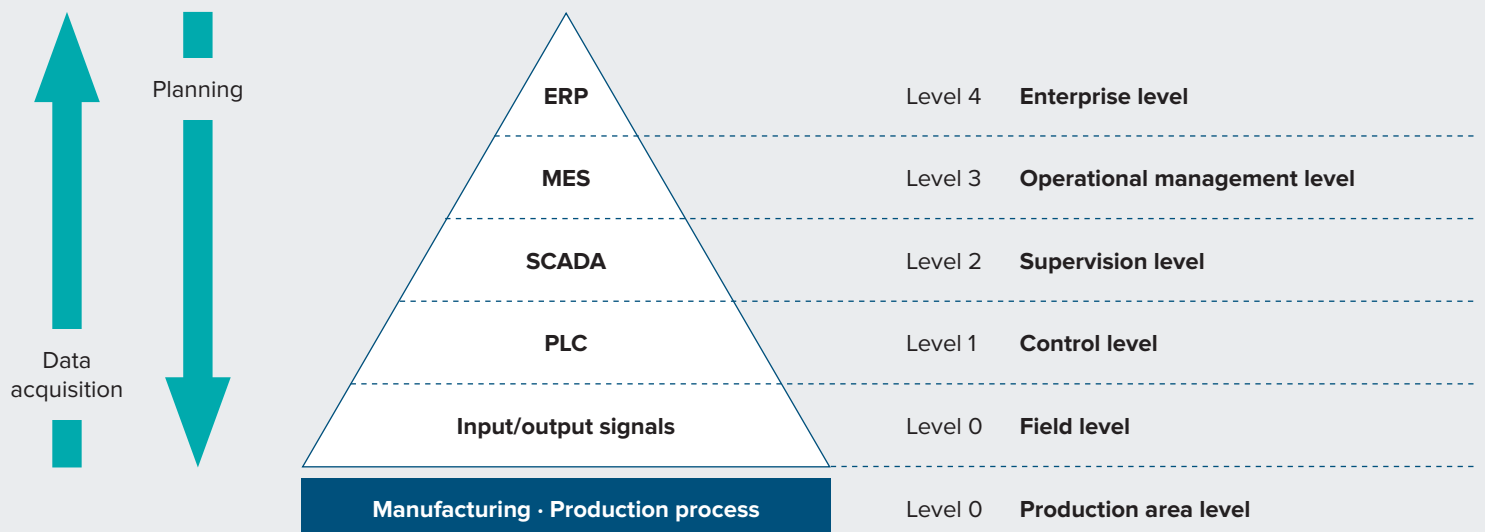


# / SCADA connectivity of checkweighers and X-ray systems



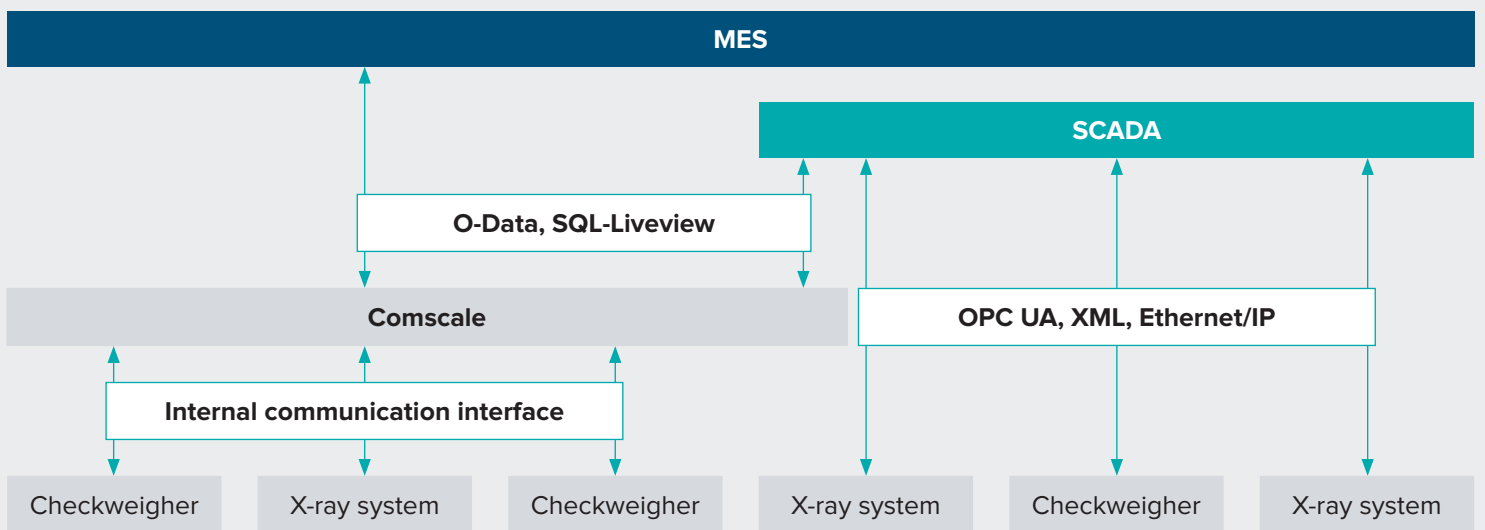
## **Supervisory Control and Data Acquisition in your production process**

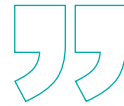
SCADA systems play a key role in numerous industrial companies to manage and control machines and entire production lines across all sites. They collect operating data, record it and thus help to monitor and document industrial processes. The data collected provides companies with important insights into the operating status of their systems and thus creates opportunities for process improvement.

# / Outstanding connectivity solutions for your application

In keeping with this flexibility, our product inspection systems enable a wide range of solutions for communicating with other systems at control, supervision and operational management level. One of these options is Supervisory Control and Data Acquisition, or SCADA for short. Our systems can communicate with your existing SCADA system via OPC UA, XML or Ethernet/IP.

Alternatively, our systems can communicate with our in-house Comscale system using the internal communication interface to exchange either O-Data or SQL Live-view data with your existing SCADA or MES system.





A company must contribute to the well-being and advancement of society – not just short term but long term.

Comscale enables data acquisition of machine-specific statistics, result images and test reports, for example as part of measuring equipment testing.

In addition, processes can be monitored using configurable alarms and events to enable an audit trail and the display of Overall Equipment Efficiency (OEE). Our article management and integrated functional tests allow the processes to be controlled in parallel.

**Theo Düppre**

Founder and CEO of Wipotec

## SCADA interface table

Function/ Interface	OPC UA (live)	XML	Ethernet/ IP (live)	Comscale R+D	FTP	Comscale R	Digital I/Os
Statistical data	✓ (live)	✓ (live)	✓ (live)	✓ (live and history)	✓ (history in the statistics or batch PDF)	✓ (live and history)	✗
Machine status	✓ (live)	✓ (live)	✓ (live)	✓ (live and history)	✓ (history in the audit PDF) <sup>2</sup>	✓ (live and history)	✓ (live)
Error messages	✓ (live)	✓ (live)	✓ (live)	✓ (history)	✓ (history in the audit PDF)	✓ (history)	✗
Ejection images	✗	✗	✗	✓ (live and history)	✓ (history as JPG)	✓ (live and history)	✗
Article change	✗	✓	✓	✓	✗	✗	✓
Batch change	✗	✓	✗ <sup>1</sup>	✓	✗	✗	✓ <sup>2</sup>

<sup>1</sup> Available for checkweighers

<sup>2</sup> Not available for checkweighers



Simple networking with Comscale:  
Checkweighers and X-ray inspection systems

## Process safety thanks to checkweighers and X-ray advanced technology

Using SCADA-enabled checkweighers and X-ray systems, adjustments can be made at process or system level, remotely or on site, in real time.

For example, our systems can trigger an alarm in a quality management application if defective products or a line stoppage are detected to ensure that remote remedial action can be taken as quickly as possible.

SCADA-enabled checkweighers and X-ray systems therefore help you to improve the efficiency of your overall operating processes by reducing downtimes, ensuring product quality and increasing system effectiveness.

Wipotec is synonymous with high-tech solutions with maximum operating convenience for almost all customer applications.

We are a one-stop solution for the entire value chain, from basic research, project planning, design and production to sales and service. This makes us largely independent of suppliers and forms the basis for the greatest possible flexibility. This exceptional vertical integration sets us apart from other suppliers and guarantees application-specific flexibility, allowing us to set global standards in the production lines of leading manufacturers in various industries.

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