

Sarlin Balance

Compressed Air Management

Sarlin Balance

Sarlin Balance controls and monitors the entire air compression process and compiles data from it.

www.sarlinbalance.com

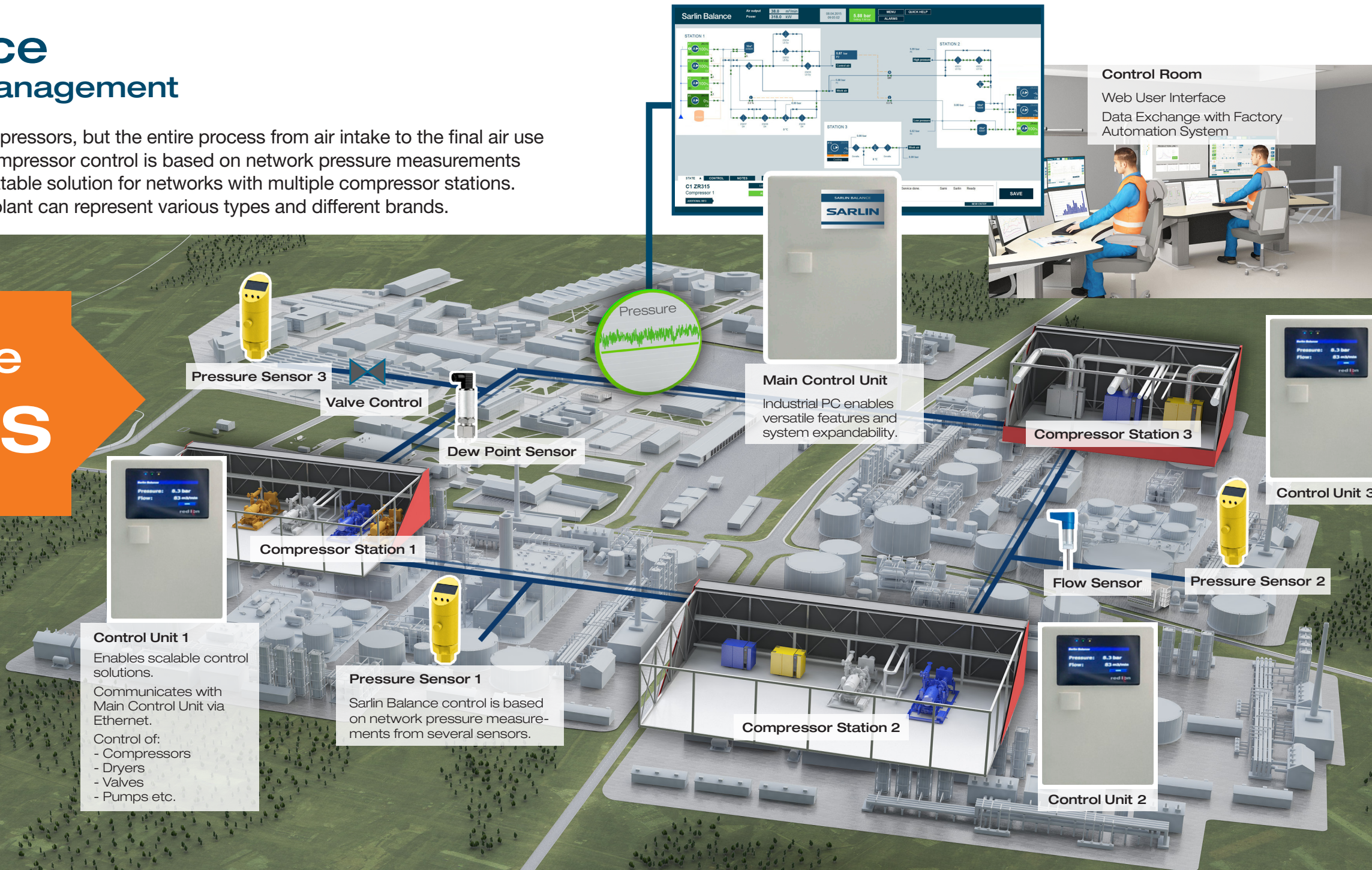
SARLIN

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Compressed Air Management

Sarlin Balance manages not just compressors, but the entire process from air intake to the final air use in your production. The advanced compressor control is based on network pressure measurements from several sensors and is an unbeatable solution for networks with multiple compressor stations. The compressors in one production plant can represent various types and different brands.

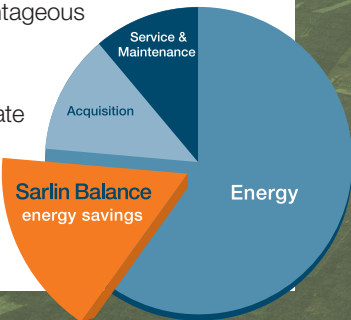
Sarlin Balance Benefits



Energy Efficiency

Sarlin Balance reads the network pressure and uses it to control the compressors. It narrows the pressure variation which enables pressure reduction in the network. Air system runs with the optimum combination of compressors and over the most advantageous operational area of each compressor.

Sarlin Balance can generate energy savings of up to 30 %. In energy savings only, the payback period is typically 1-1,5 years.



Reliability & Performance

Sarlin Balance lets you observe your air system centrally at a glance. It provides you with all the critical information about every device in the delivery system. User interface is designed to correspond to the air compression process in the factory.

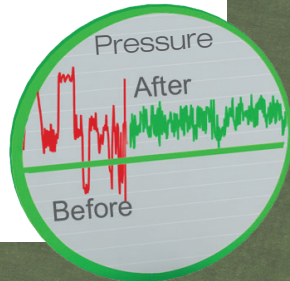
Sarlin Balance operates compressors evenly, at an optimal low pressure and with minimum numbers of starts and stops. This means improved uptime, longer service life and less maintenance.



Improved Productivity

Reliable air supply and stable pressure are critical resources in most lines of production.

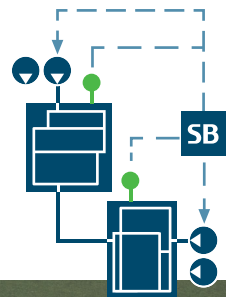
With Sarlin Balance the consumption-point pressure is maintained at a steady and optimum level. The production quality will be constant, the raw material usage is optimised, and the product quality rises.



Fact Based Operations

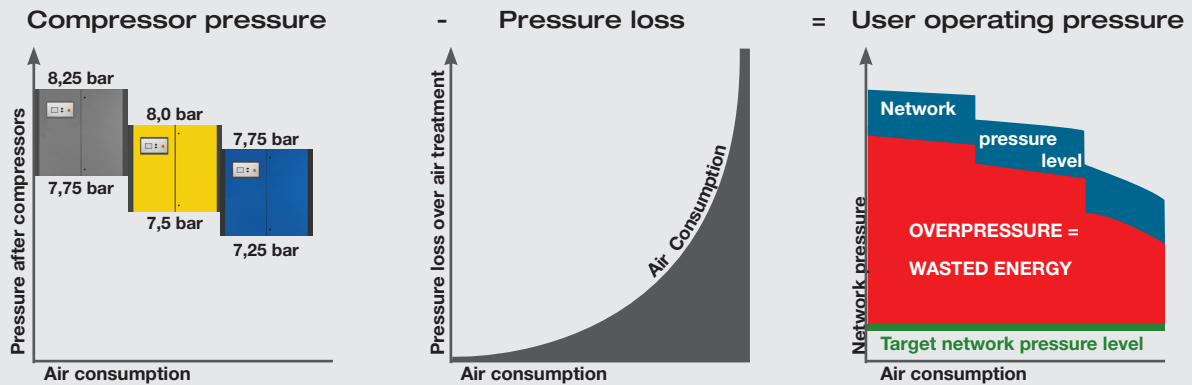
Sarlin Balance continuously collects and saves performance data from all parts of the compressed air network. Actual data helps with capacity related decisions.

The consumption of compressed air can be allocated to business units or products and actual cost effects are visualised.

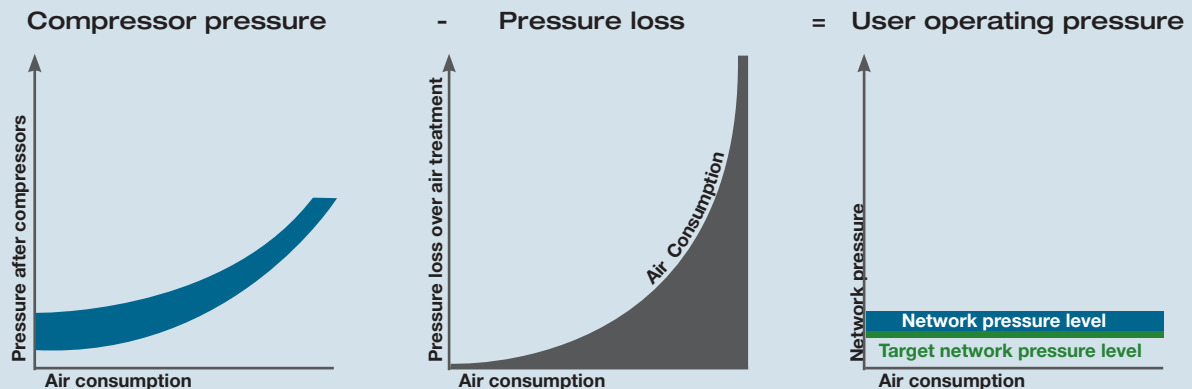


Traditional compressor control vs. Sarlin Balance

Traditional cascade compressor control



Sarlin Balance compressor control



Sarlin Balance Features

- Controls the network pressure at the point of actual use.
- Manages compressed air systems with multiple compressor stations.
- Controls up to 120 compressors in four different networks.
- Compatible with all compressor types and brands.
- Controls also valves, dryers, pumps and other ancillary equipment up to 240 pcs.
- Measurements: pressure, flow, temperature, dew point and other signals up to 360 pcs.
- Data logging of all measurements for up to 2 years.
- Integrated logbook to record compressed air equipment maintenance actions.
- Connections to compressor controllers and factory automation systems using Modbus or Profibus.
- Easy user interface with local language and customer-specific system diagrams.
- Web based user interface.