



AFRY

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Industrial
Digitalization

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IDAS and Digitalization Fast Track

Our strategical advisors within Industrial Digitalization Advisory Services, assist company management in creating a digitalization vision and strategy to direct future investments in production-related digital solutions. Through our Digitalization Fast Track method, we help customers transform their manufacturing system by leveraging new technology, new ideas, and new methodologies, to stay ahead of their competitors. We support you all the way, from feasibility study, thru implementation.



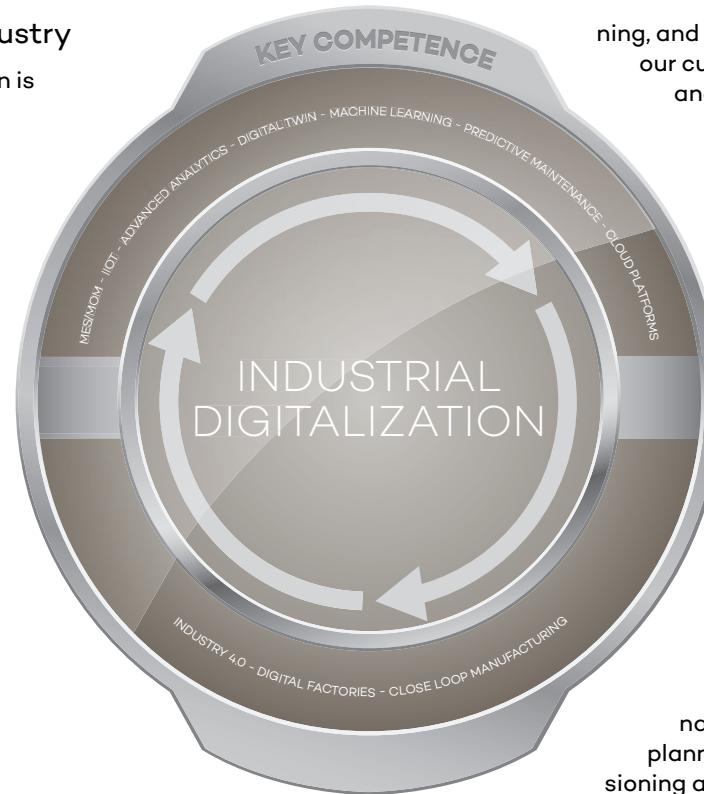
Anna Rydäng, Nico Dima, Andreas Buhlin and Martin Hagelthorn, Industrial Digitalization

Architecture of Future Industry

A strong architectural foundation is crucial to staying competitive in the future industry. We help our customer to create complete architectural designs adapted to the present and future needs of their industry. Making shop-floor data available to the right person, at the right time, in the right way is vital for the decision making in the company. Turning operations data into actionable information provides the foundation for the real-time enterprise and connects the daily operations with strategic initiatives. The goal is full transparency of the operations, for maximum business agility.

Information Security and Cyber Security OT

The merging between OT and IT, the increased use of new technologies, combined with digitalization, has led to an increased awareness and new regulations. By the use of expertise, methods and tools regarding information security, cyber security, continuity plan-



“Our strength is that we understand the needs and challenges that industry faces in its daily operations. With our knowledge of modern technologies, we develop solutions that create the competitive future industry. Our motto is “Think big, start small, scale fast”, and most important: focus on the business case.”

ning, and disaster recovery planning, we aid our customers in securing their assets and plants from these new threats.

Real Virtual Commissioning

Real Virtual Commissioning creates an exact digital twin of your production system including machines, sensors, and actuators. It enables control of the reality through emulating plant modifications in a 100% accurate digital copy of your production environment before making changes to the actual plant. With RVC, you can run 100% of operational testing without production stops when building or modifying a plant, which eliminates unnecessary downtime (both planned and unplanned) during commissioning and ramp-up.

Systems for Driverless Vehicles

For two decades our systems for fleet management of Driverless Vehicles have helped our OMX30 listed customer become the world leader in autonomous mining.

We see that fleet management, process supervision, traffic control, route optimization and planning are something that many customers can relate to when it comes to logistics in production. We can with our expertise and deep knowledge in this field help you adapt and evolve your production to meet the new requirements.



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