Today, asset-intensive industries face great challenges, including market volatility, weak growth, globalization and a fast-moving environment.

Accenture’s digital operational excellence solutions are mobile, proactive and self-learning and ready to meet these challenges head on.

Accenture’s operational excellence solutions include an end-to-end mix of digital worker, digital asset and digital operations that help clients directly target performance levers at the core of their businesses.

Together, we’re navigating uncertainty and leveraging industry know-how to achieve:

- Reliable and predictable production,
- Safe work,
- And higher throughput
- While reducing costs.

The connected, digital plant offers a virtualized version of the physical plant environment that can be used to predict, diagnose and simulate performance. When combined with leading capabilities in industrial control system cybersecurity, many companies are already seeing the benefits.

Together with a large utility, Accenture implemented an Electronic Work Package solution for iPad. This led to the digitization of existing processes, culminating in their transition from a paper-based to completed digital solution.

The new digital system transforms work cycles and boosts worker productivity, while eliminating latency in the capture and transfer of critical maintenance information.

Benefits include:

- Work instructions and procedures in your hand;
- Mobile access to asset history and current instrument readings;
- And the immediate documentation of work progress and logs

Accenture used artificial intelligence to solve a problem bottleneck for a global mining company by automatically generating process control rules and anticipating external disturbances. The results of a fuzzy logic approach showed process stability improvements and throughput increase of more than 5%. The project was deployed in just one month.

These are just some of the ways that digital solutions are transforming assets and operations. We look forward to using our operational excellence solutions and beyond to help companies in asset-intensive industries excel in the digital age.