

Denver

Realising the Value of Digital Transformation

Increased productivity and optimised operations by connecting workers, data and systems.





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Overview

Denver is a Global Digital Execution Partner to bp, embedded within bp to integrate systems across all their refineries and support growth and future relevance across their value chain.

Core to the program is the alignment of technology platforms to allow for iterative and repeatable processes guided by bp's global vision of business value. This alignment is enabling substantial time, financial and team efficiencies for bp downstream across all of their refineries and is:

- Changing the way they work, where Digital Execution is business execution
- Enabling reusable, scalable integration approach that delivers real time value and brings benefits across global assets and teams within other business areas and sites
- Strengthens the integrity, reliability and availability of essential business information



Case Study:

Operational Efficiency Focus

Together bp and Denver are exploring high value opportunities to deliver operational efficiencies and deliver digital transformation across bp's worldwide operations — aligning priorities, value, sustainability and scalable solutions — to drive increases in *productivity* through innovation and optimised downstream operations.

Key Elements of the Program



Safety first:
no humans harmed



Automation, robotics
& mobile devices



Predictive analytics &
machine learning



Trusted, accurate &
secure data

The Connected Worker

A key element in driving productivity across their refineries is making real time data available to all levels of the workforce, when and where they need it. The Connected Worker program leverages mobile, IoT sensors, analytics and wearable technology to create the refinery of the future.

Data velocity

Improved availability and access to data for better decision making at the point of work execution.

Seamless collaboration

Smarter collaboration to resolve problems and share knowledge more efficiently.

Boundary-less workers

Increased flexibility to choose innovative modes of operation enabled by technology and new ways for working.

Clearly connected

Active work visibility for improved workflows and decision making.



Knowledge sharing

Tools that enable information sharing across industry domains and levels of expertise fill key gaps in workforce knowledge.

Safety first

Reduced risk for staff and equipment through improved ways of working.

Analytics driven decision making

Effective and rapid decision making to proactively manage field operations.

Relationships at scale

Enhance relationships between field operations and external stakeholders to achieve positive business outcomes.



Connecting Remote Experts

“We’re developing a portfolio of mobile apps to free bp’s workforce from their desks. A key part of this is connecting mobile devices to key source systems to get end to end, real time visibility. A recent example for maintenance workers was enabling Work Order data on their phones so they can see relevant data, as well as create Work Orders in real time, from the field. ”

— **Sally Livingstone, Senior Business Analyst, Denver**

“We work collaboratively with BP - bringing our industry expertise and process to help bp solve particular business challenges -and we do it in a very quick and agile way. We work hand in hand with the bp team and a range of third party stakeholders to understand the issues and work in an agile way to design and execute pragmatic solutions so they can see immediate benefits and a safer and more efficient environment.”

— **Simon Charewicz, Product Service Owner Denver**

Connecting workers means Remote Experts are able to connect with personnel within the refinery from anywhere. This delivers a safer, faster and more reliable work environment benefits – including guided task execution, on the job SME remote coaching, and automated report creation. Mobile phones, tablets and wearable headsets are utilised in the field to provide real time data visibility and over-the-shoulder support from Remote Experts.



Summary

We know from experience that Digital Transformation's work for the companies who are up for it — those that adopt cultural change, embrace new ways of working, embrace technology options and commit fully to execution. The success of the bp digital transformation journey so far has delivered business optimisation. It is a great example of the business value that can come when an organisation delivers on their digital strategy.

[Ready to learn more about digital execution at speed?](#)

Denver

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