

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. Working together for decades, Denver has integrated systems across all of bp's refineries supporting growth and future relevance across their value chain.

Core to this relationship 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. As well as:

- Changing the way they work, where digital execution is business execution
- Enabling a reusable, scalable integration approach that delivers real time value and 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 digital transformation across bp's worldwide operations. Our united focus is on aligning priorities, delivering value and enabling sustainable, 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 to increasing 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 being our digitalisation of their maintenance work order form process. By simply making work orders mobile, teams can see data on the go, eliminating confusion and increasing efficiency. They can also action needs quickly by creating new real-time orders in the field if required.”

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

“We use our industry specific expertise to help bp solve particular business challenges with speed and agility. Together, we work hand-in-hand with a range of third party stakeholders to intimately understand their issues. We then design and execute pragmatic solutions delivering immediate benefits that create safer, more efficient environments.”

— **Simon Charewicz, Head of Digital Execution, Denver**

Using mobile phones, tablets and wearable headsets, connected workers from within bp’s refineries can seek advice from remote experts anywhere in the world. This provides real-time data visibility and expert over-the-shoulder support, delivering a safer, faster and more reliable work environment — including guided task execution, on the job SME remote coaching, and automated report creation.



# Summary

We know from experience that digital transformations improve businesses. They invite healthy cultural change, encourage new, productive ways of working, open the door to new innovations, and enable informed decision making processes. bp's success is a great example of the value and optimisation that can come when an organisation commits to, and delivers on, their digital strategy.

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

**Denver**

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