



A Yokogawa Company

Accelerated Capability Transfer

Optimise the performance of
your most critical asset, your people.

SUPERIOR RESULTS. SUSTAINED.

The CHALLENGE

“Manage the operational risk created by loss of experience and in-house know-how from our industry.”

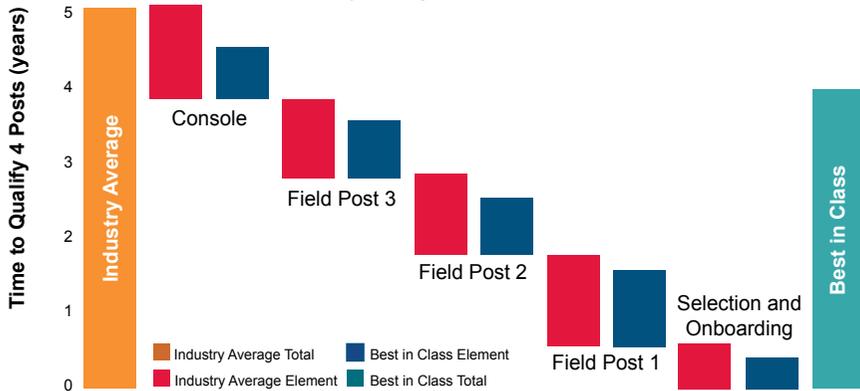
As a wealth of experience leaves or retires from the industry, the need for effective, efficient development of a highly competent, reliable workforce has never been more critical.

Changes in staff performance put your operations plan and safety performance at risk. This variation in competency and performance levels is typically caused by substandard learning materials, inconsistent training practices, poor learner engagement and a lack of performance management.

The challenge is to unlock the ambition of the younger generation joining your shift teams, accelerate capability transfer through structured pre-learning and blended learning techniques and shorten the time required off shift for classroom training. Improve reliability, capture margin and reduce costs by developing shift team practices, operators who take ownership of equipment care in the field and optimise your operations at the console.



Qualification Progression: 4 Operating Post, Including Console
Industry Average vs Best in Class



Training period for an operator can be reduced by up to one year by using Accelerated Capability Transfer.

Enabled through highly skilled professionals and

Petro-SIM™

For Process Modelling
The process simulation platform for driving excellence in facility performance and organisational productivity in hydrocarbon industries. At the core of Petro-SIM's technology, rigorous simulation models generate trusted results in an intelligent, user-friendly environment for upstream, midstream, or downstream refinery or petrochemical processes.

ProSteam™

For Utility Modelling
Steady-state steam and power system modeling for optimising design and operation of utility systems, fully embedded in Petro-SIM. ProSteam ensures utility demands are met and supports operational decision making and optimisation.

SUMMIT™

Smart Unified Monitoring Management Information Toolkit
SUMMIT downstream metrics are essential for evaluating performance and driving improvement through the use of defined targets and key performance indicators on a technology platform which also quantifies your "lost opportunity".



90% of the world's leading O&G companies have used KBC as their Trusted Advisor.



KBC's proprietary leading IP and technology.

OpXAP
OpX Applied Best Practice Database
Comprehensive description of processes and systems covering the various levels of the Performance Management System. Detailed practices covering all critical OpX activities. Exhaustive assessment criteria used to benchmark and identify gaps as a first step to organisation improvements.

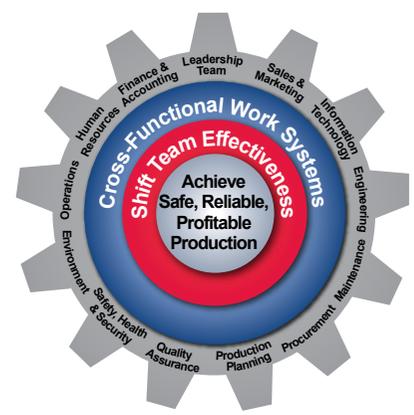
ACT
Accelerated Capability Transfer
Activities designed and developed based on leading blended learning concepts and practices. A methodology which encourages self discovery and reaching the individual's potential and promotes taking ownership in real-world situations. Support and mentoring also provided.

KBC Consultants
Drawing on Decades of Industry Knowledge
Our experienced consultants provide technical and organisational solutions in areas such as leadership and management, production optimisation, asset integrity, production information and control, HSE and human performance improvement.

The SOLUTION

LEADERSHIP TO DRIVE PRODUCTION CENTRED OPERATIONS

KBC has over 35 years of experience in Operational Excellence (OpX) improvements. Our proven OpX best practice model combined with leading shift team effectiveness practices provide the framework for safe, reliable and profitable operations.



OPTIMISE TRAINING TIME-LINES AND INCREASE LEARNER ENGAGEMENT

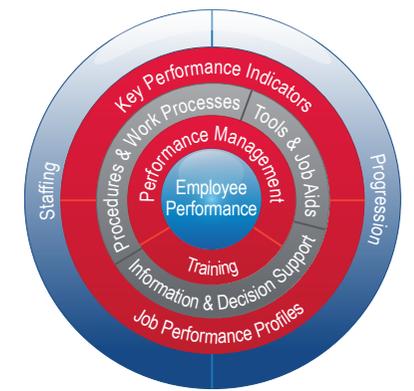
KBC's Accelerated Capability Transfer (ACT) leverages superior training materials tailored for operators and the latest thinking on adult learning principles in a format to increase learner engagement and deliver better results, quicker. Results are tracked and compliance is managed in our Learning Management System (LMS).

PROVEN INSTRUCTIONAL SYSTEM DESIGN = MATERIALS YOUR OPERATORS WILL RESPOND TO

KBC has been developing best in class Operator Training Materials and Training Management Systems for over 30 years. Our proven design focusses on the essential development of the competencies required for effective equipment care in the field, as well as process optimisation and troubleshooting at the console.

PERFORMANCE MANAGEMENT ENABLED BY TECHNOLOGY: CONNECT CAPABILITY TO OUTCOMES

Defined roles, responsibilities, and competency assurance lay the foundation for high performing shift teams. The link between these human performance objectives and defined unit operating targets drives improved operating performance. The KBC Smart Unit Monitoring Management Information Toolkit (SUMMIT) provides performance data for leaders to enable smart decision making.



Your **PARTNER FOR SUCCESS**

KBC is a global technology provider and consultancy focused on the hydrocarbon processing industry. With over 35 years' experience in upstream, midstream, downstream, and petrochemicals, we are ready to serve you anywhere and anytime you need help with meeting your business challenges.

THINK LIKE AN OPERATOR APPROACH

Our experience shows that sustainable improvement is only possible if accompanied by a change in behaviours in day-to-day operations. KBC's track record is second to none in achieving long term results.

KBC uses the most effective combination of business analysis, technical and operational expertise, workforce capability and applied simulation technology to meet your objectives. Building on profit improvement, we have helped clients to achieve and then sustain improvements in business performance since 1979.

Finding the right, fit-for-purpose solution for our clients is our area of expertise and we back up our solutions with methodical diagnostics, the deep industry knowledge of our consultants and leading technologies. Many of these solutions require no investment so can be implemented to deliver returns quickly.

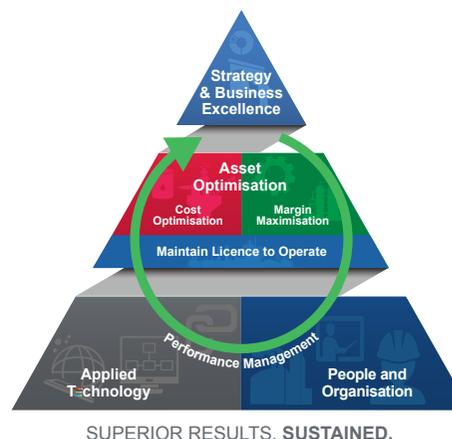
KBC IS FOCUSED ON SAFETY

At KBC, we believe that there is no task so important or so urgent either in our business, or our customers' businesses, that it overrides the need to work safely.



DELIVERY APPROACH

The KBC approach across all elements of the business ensures alignment and maximises synergies.



Our approach lays out a clear direction with defined processes and measured outcomes.

DELIVERY FRAMEWORK

As part of the KBC Delivery Framework, key strategic, organisational and technology elements are embedded in our Project Management Office (PMO). Every project is planned in appropriate phases to ensure proper definition of the issue, discover the business background and develop detailed solutions that deliver the desired results, as well as ensuring that they can be sustained in the long term.



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KBC ADVANCED TECHNOLOGIES

Head Office
42-50 Hershham Road
Walton on Thames
Surrey KT12 1RZ UK

T +44 (0)1932 242424
F +44 (0)1932 224214

www.kbcat.com
answers@kbcat.com

