Predictive Operational Excellence in a box
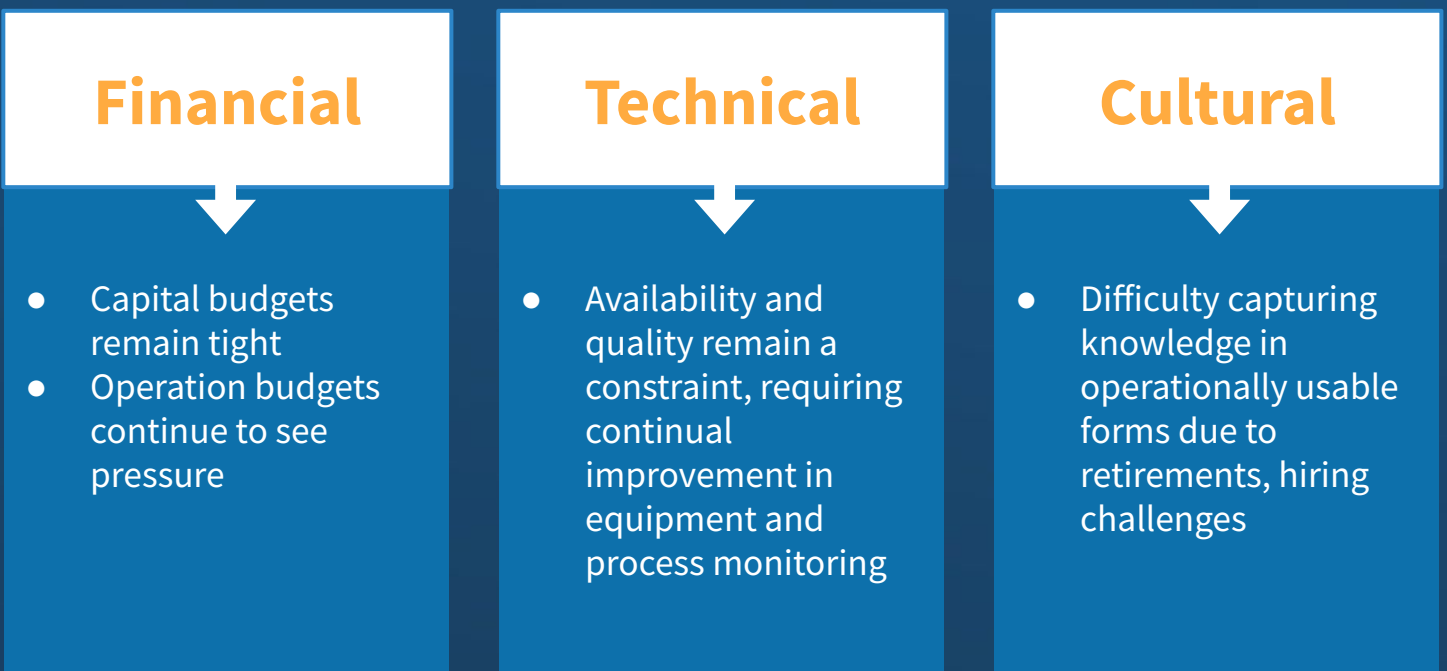
Predictive Operational Excellence

AI driven predictive operations + operational excellence

Harnessing the power of AI in this role is far from simple. Therefore, Falkonry has developed an approach we call Predictive Operational Excellence.

We provide a plug-and-play solution which removes barriers in order to smooth your path to excellence - Predictive Operational Excellence in a box.

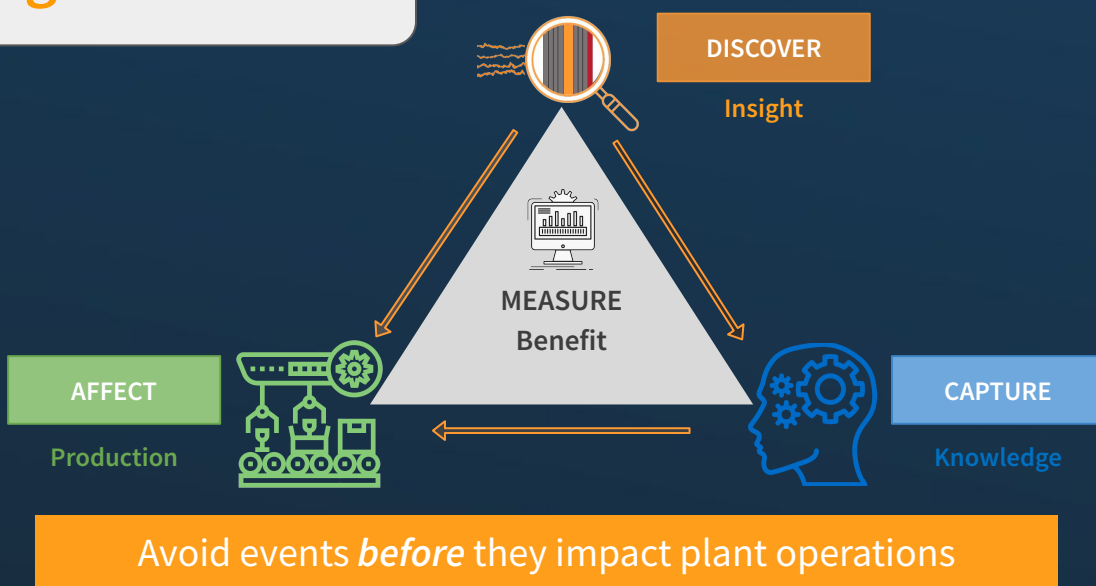## Challenges for improving operational excellence due to pandemic and uncertainty

Financial

- Capital budgets remain tight
- Operation budgets continue to see pressure

Technical

- Availability and quality remain a constraint, requiring continual improvement in equipment and process monitoring

Cultural

- Difficulty capturing knowledge in operationally usable forms due to retirements, hiring challenges

Falkonry approach for solving above problems

PREDICTIVE OPERATIONAL EXCELLENCE

Four stages of POE:

DISCOVER
Insight

MEASURE
Benefit

AFFECT
Production

CAPTURE
Knowledge

Avoid events *before* they impact plant operations

01 Discover Insight — Analyze real-time operational data and present novel events for operational personnel to act on

02 Capture Knowledge — Experts judge the causes of such events, knowledge is recorded automatically for digital reuse

03 Affect Production — Alerts can be used to trigger a known remedy or SOP through the EAM or other work management system

04 Measure Benefits — Reports provide plant managers and other financial sponsors a running and interactive statement of PPO benefits

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