

Qubeworx



INTRODUCTION

2026

Engineering the future, today



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ABOUT US

Qubeworx is a results-oriented business that tackles industrial challenges of all sizes, delivering technical solutions that provide significant value for our clients. We provide innovative solutions for our customers across various industries. We embrace the challenges that come from tackling complex industrial problems and developing solutions that provide significant value to our client base by increasing efficiencies and mitigating risk.

VISION

To be a preferred partner in plant control systems engineering & industrial data transformation

MISSION

To deliver cost effective & innovative solutions to industry.



SEGMENTS

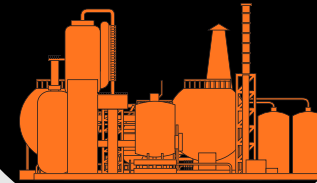
MINING



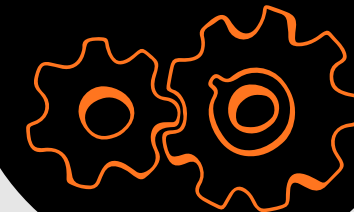
MINERAL
PROCESSING



CHEMICAL/
PROCESS



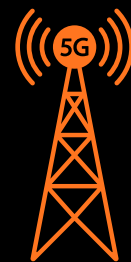
MANUFACTURING



AGRICULTURE



TELECOM



UTILITIES



VALUE PROPOSITION

Digital Transformation

Products and solutions to enable reliable, secure digital transformation.
Leveraging existing data sources to improve visibility
Implementing industrial data ops

Engineering and design

Professional design solutions- front-end-engineering-design
Designing high-integrity automation solutions in critical industries
Comprehensive understanding of industry practices and systems to
implement robust solutions

Outcomes focussed

By staying focused on outcomes, we guarantee that our solutions
are both impactful and sustainable, and that every decision we make
is aimed at delivering the most beneficial results for those we serve.



SERVICES



Engineering Services

- Technology assessment and recommendations
- System integration planning
- Front-end-engineering design
- End-to-end project lifecycle management
- Design, build, commissioning
- Risk mitigation and efficiency optimization
- Translating business needs into viable technical solutions
- Inherently safe designs that prioritize operational safety



Industrial Automation

- Control system and DCS system modernization
- Control philosophies and functional design specifications
- Control system architectures and software specifications
- PLC & SCADA system design, testing & commissioning
- Instrumentation service & support
- On-site & Remote support



Industrial Data

- Historians & reporting systems
- Standardized data collection (OEE)
- Energy and water monitoring & reporting
- Quality & Compliance reporting solutions
- Normalized & contextualized data sets across systems
- Creation of digital twins



Industry 4.0 IoT & IIoT

- Edge connectivity and Internet of Things (IoT) solutions
- Enablement of AI & ML integration
- Connectivity to wide range of equipment

Implementation Examples



Production Event Tracking

Collect data from product lines,
Automate manual data entries
contextualise at the edge
Run prebuilt production KPI
algorithms



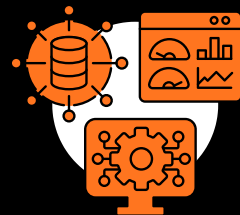
Unplanned Downtime Event Tracking

Recorded the start and end date and
time, the asset and the reason code /
error code which was present at the
time of the unplanned downtime. Data
obtained from 5 standalone PLC's



Maintenance Event Tracking

Standard data model for
recording maintenance events.
Recorded time, start and end
date and the asset, type of
maintenance and each step, start
and end date and time.



Prediction

Deployed linear model to the
historical temperature data
collected from sensors,
predicted potential overheating
of machinery



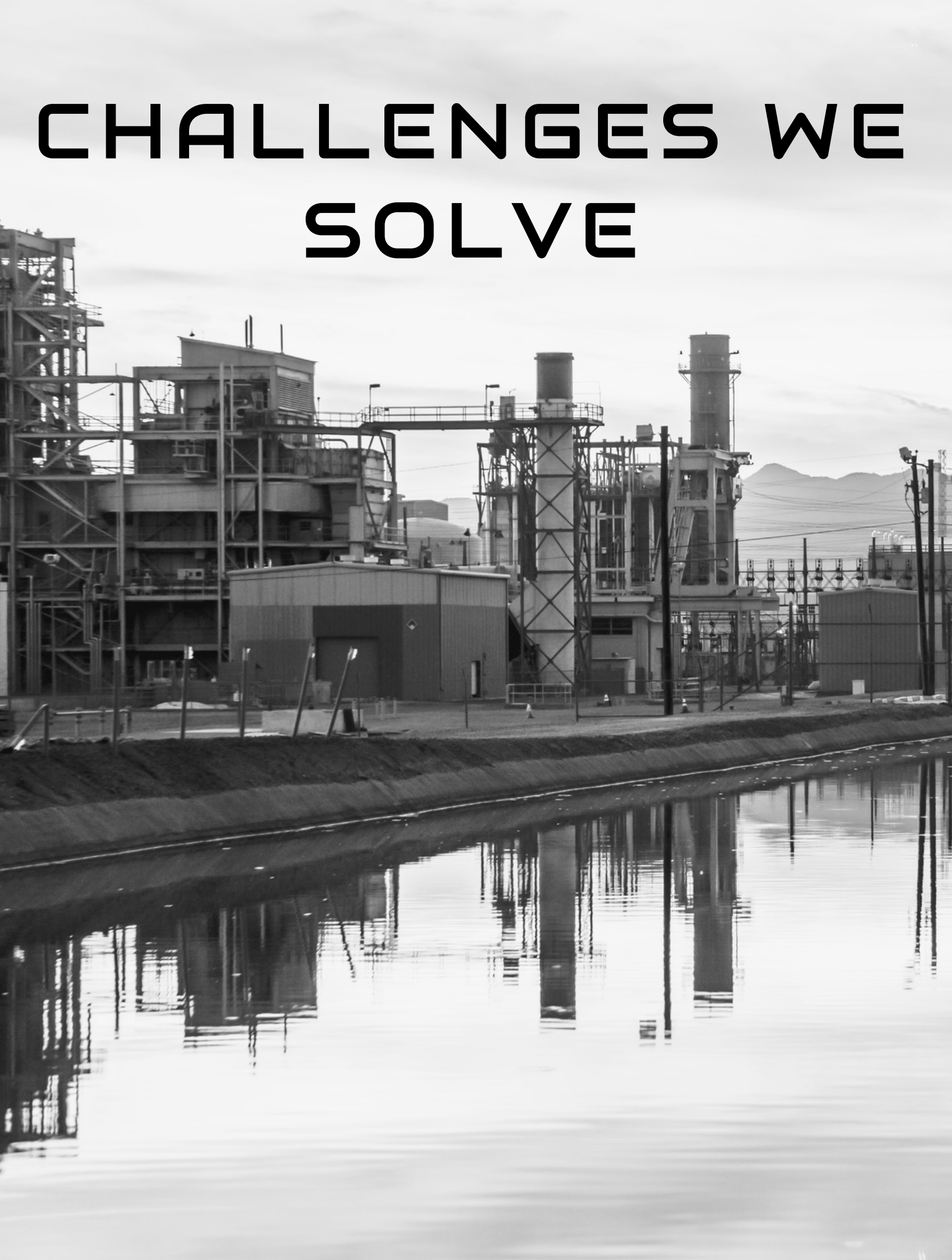
Real-time data analysis & insights

Calculate the Average and
Median at critical stages of the
process. Assessed the
consistency of product with
pre-built functions



Energy monitoring

Collected data from the energy
meters & power quality analyzers.
Included data from external
Energy Management systems.



CHALLENGES WE SOLVE



Safety & Sustainability

- Unable to meet sustainability goals
- Unable to operate safely



Disparate industrial systems

- High cost of replacement



Unreliable Data

- Affecting decision making



Low output and efficiencies

- Low margins