



VALD ENGINEERING

Controls engineering for systems that cannot afford ambiguity.

Principal-level controls engineering for legacy DCS, PLC, SCADA, and OT infrastructure - from plant-floor logic through the cutover that has to work the first time. Offline and air-gap ready by design. Nationwide field delivery.

CORE COMPETENCIES

Control-system architecture · PLC, DCS & SCADA engineering · OT networks & infrastructure · Migration & cutover engineering · Commissioning & field support · Historian & operations visibility

THE VALD METHOD

The system is one machine, across four states: AS-FOUND, DESIGN, EXECUTION, AS-LEFT. The installed plant is reconstructed from primary evidence, every documentation-vs-plant contradiction is dispositioned in a governed ledger, and the migration package is engineer-validated before any outage window opens. A clean conversion of the wrong plant is still wrong.

DIFFERENTIATORS

LEITARI(TM) - Industrial Intelligence system for legacy-control migrations: reconstructs the installed plant, exposes contradictions, generates a defensible migration record. Offline by design, copies only, engineer governed.

HUGINN(TM) - dedicated field instrument answering practical plant questions at the cabinet, offline.

PROOF POINTS

20+ years in controls engineering · 407 legacy HMI screens reconstructed · 42,998 function blocks recovered · 43,456-point migration census · 7,046 loop sheets generated · 300+ CNG and 50+ LNG facilities in operating network experience

PLATFORMS & INDUSTRIES

Rockwell / Allen-Bradley (ControlLogix, SLC, PLC-5) · ABB DCS · GE · AVEVA / Wonderware · Ignition

Water & wastewater · Oil, gas & alternative fuels · Mining · Manufacturing · Landfill gas

START SMALL, PROVE IT

LEITARI(TM) Migration Readiness Audit - one process area, 4 to 6 weeks: evidence ingest, contradiction ledger, readiness index, sample migration artifacts.

CONTACT

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