

We drive workforce productivity for industrial companies that build and maintain the world's most complex machines

Partner
Fortune 500 leader

Engagement Site(s)
Multiple

Manufacturing Type
Discrete manufacturing, assembly, test, & aftermarket

Industry
Aerospace & Defense

Engagement Start
2019

Manufacturing Employees
10,000+

Covalent provides a rigorous solution to a diverse set of workforce challenges across multiple specialized sites

Plant A



Challenge: Compliance

Failed audit due to not being able to produce paper trail proving how workers were qualified / requalified

Solution & Results

Resolved regulator CAR (DCMA); transitioned to digital audit trails

Plant B



Challenge: Process Control

Needed a way to prevent sign off on operations not yet qualified on

Solution & Results

Scoped integration with manufacturing system (MES) that gates work-order buy-off based on qualification, reducing quality risk

Plant C



Challenge: Bench Strength

Frontline leaders needed real-time access & visibility into skills and coverage levels

Solution & Results

Frontline leaders reference auto-generated skills matrix pre-shift to allocate workers and identify cross-training opportunities

Plant D



Challenge: Time-to-Productivity

New product introduction and changing line run-rates meant new workforce needed quickly

Solution & Results

Digitization reduces training time & admin workload, dashboards prompt required actions, and reporting identifies process improvement opportunities

Senior Director, Digital Team:

"There are less people to do the same jobs. There is less oversight capacity. People cannot afford to maintain spreadsheets. I honestly wish we had all of our shops on Covalent ... it would help give people a better understanding of where their skills gaps and overlap are."