



# Operational excellence meets Modern software Digitalization goes Agile

While heavy industry is very different from software development, digitalization requires methods that are similar to those used in software. Forward looking companies are applying Agile methods to improve industrial operations.

Examples from Falconry customers provide insight into what an Agile approach enables

Major metal casting and forming company

Major electronics manufacturer

### Rapid use case development

Expanded from two use cases to dozens of use cases in just over six months.

### Rapid use case rejection

Stopped spending on infeasible use cases quickly through rapid iteration by the operational experts.

### Earlier understanding of deployment requirements

Identified and socialized KPIs month faster than traditional engagements through rapid application testing.

### Identification of important use cases

Built inter-divisional practices that engaged subject matter experts to rapidly identify and solve the most important problems.

### Going from prediction to resolution

Predictions and explanation reports from rapid iterations enabled operational teams to quickly isolate root cause corrective actions.

## Agile Digital Transformation Principles

- Self driving teams enable effective action across a range of topics
  - Decentralized, trusted teams allows broader, faster problem coverage
- Cycles of fast learning separate more useful from less useful ideas
  - Learn faster by doing than by deliberating
  - If something isn't working, try something else: "Failure" is valuable learning
- Demonstrate findings outside of the team to improve the learning rate.
  - Business, technical & operational perspectives combine to make better outcomes

**Predictive production operations will enable decentralized teams to act quickly on many improvement areas at once. Solving problems with a rapid, iterative approach using digital technologies is what Agile was developed for.**

**Now is the time to apply Agile processes from the software world to industrial digitalization.**

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