

The KURTEK logo is displayed in a large, bold, blue sans-serif font. A small blue diamond is positioned below the 'K' and above the 'E'.

CURATED TECHNOLOGIES

ADVANCING TECHNOLOGY ♦ ADVANCING HUMANITY

## DEVELOPMENT & SUSTAINMENT

### AGILE DEVELOPMENT

#### KEY CAPABILITIES

**Agile Practices** ♦ Epic and User Story Management ♦ Sprint Planning and Review ♦ Backlog Management and Refinement ♦ Feature-Driven Development ♦ Test-Driven Development ♦ Continuous Integration / Continuous Delivery ♦ Agile Release Trains

**Agile Methodologies and Frameworks** ♦ Scaled Agile (SAFe) ♦ Disciplined Agile (DA) / Disciplined Agile Delivery (DAD)

**Hybrid Agile-Waterfall** ♦ Stakeholder Engagement and Formal Checkpoints ♦ Mission Milestone Alignment ♦ Iterative Capability Development ♦ Predictable Release Cycle Planning ♦ Robust Design Documentation

As agency priorities and mission objectives continue to evolve, programs increasingly look for innovative ways to apply agile methodologies to their development and sustainment activities. Kurtek offers agile development expertise that leverages proven methodologies and best practices while effectively tailoring standard processes to meet the unique needs and constraints of an individual program and deliver superior development results while reducing long-term cost and risk.

Kurtek engineers have experience implementing agile processes on development projects ranging from incremental sustainment and enhancement

of operational systems to full-lifecycle enterprise system development. In addition to fully agile methodologies, we have employed hybrid agile-waterfall methodologies to deliver the benefits of agile development while enabling mission stakeholders and program offices to exercise greater oversight of development activities and ensuring alignment with mission milestone review timelines and agency systems engineering processes.

Working with Kurtek gives you access to a proven combination of experience and expertise from across the global space industry. Our engineers have led the development and sustainment of numerous flagship space and ground systems, and their comprehensive knowledge, broad mission experience, and specialized skillsets enable us to deliver an effective solution for your unique needs.

#### REPRESENTATIVE PROGRAMS

- Developed and managed user stories to support incremental enhancements and upgrades of multiple NOAA enterprise system elements.
- Supported sprint planning and continuous delivery as part of the development of a NASA signal modeling tool suite.

To learn more about our capabilities, email us at [info@kurtek.io](mailto:info@kurtek.io) or call our team at **703-943-7236**.