

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

OBSOLESCENCE MANAGEMENT & TECHNOLOGY REFRESH

KEY CAPABILITIES

Obsolescence Planning and Management ♦ Supply Chain Risk Management ♦ Continuous End-of-Support and End-of-Life Monitoring ♦ Predictive Failure Analysis ♦ Technology Refresh Plans and Roadmaps

Incremental Enhancement and Upgrades ♦ Form-Fit-Function Component Replacement ♦ System Performance Optimization and Footprint Reduction ♦ Software Rehosting and Replatforming

System Rebuild and Refresh ♦ Legacy Hardware and Software Reimplementation ♦ Cloud Migration ♦ Multi-Mission System and Capability Consolidation ♦ Parallel Operation and Cross-Validation

The long lifecycles of major space programs make effective management of obsolescence risk critical to consistently delivering system capabilities over the full duration of a mission. Kurtek provides a comprehensive portfolio of system obsolescence management services that combines robust continuous planning and monitoring, impactful incremental enhancements and upgrades, and efficient ground-up system rebuilds and refreshes to mitigate risk and ensure system performance throughout the mission lifecycle.

Kurtek's sustainment engineers continuously monitor platform and component end of life and end of support roadmaps and leverage statistical

failure analysis methods to identify system elements requiring replacement and refresh. We combine in-place incremental component replacement and capability rehosting/replatforming with periodic full system rebuilds to deliver enhanced reliability, maintainability, and availability while effectively managing long-term sustainment costs.

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

- Managed multiple incremental upgrades and technology refresh cycles for a multi-mission, multi-agency ground system, reducing aggregate system footprint while enhancing performance and onboarding additional missions.
- Designed and implemented a complete form-fit-function replacement for multiple families of obsolete ground support electronics at NASA and NOAA ground stations.

To learn more about our capabilities, email us at info@kurtek.io or call our team at **703-943-7236**.