

# Powering Mission-Critical Operations

## Overview

DYNICS, with a history in harsh industrial environments, has evolved into a leading provider of robust solutions. Their Flyaway Kit extends this legacy into the defense industry, offering a versatile and secure platform for extreme conditions, enabling critical communications and computing in remote areas.

## Challenges and Solutions

- Power Supply**  
Operates on AC, DC, and battery power with advanced management and redundancy. No fans to increase MTBF and reduce power consumption
- Environmental Factors**  
Ruggedized design with sealed enclosures and robust components
- Weight and Portability**  
Modular, lightweight, and compact design
- Regulatory Compliance**  
Meets industry standards with comprehensive documentation
- Maintenance and Support**  
Remote diagnostics, field service support, and spare parts inventory

## Flyaway Kit Features

- Functions as a network on the move, 4G/5G/LTE gateway, 4G/5G/LTE private network, or satellite communication hub and options for Software Defined Radio.
- Configurable with options for processing power, switching capacity, and software-defined features.
- Built to meet military standards for temperature extremes, dust, and shock and vibration resistance.
- System can be configured for customers unique requirements at time of ordering.



## Benefits

- Meets the need of defense and first responders for small, rugged and lightweight deployable computing and communications.
- Aligns with defense industry needs for mission-critical equipment in harsh environments.
- Offers a robust, adaptable solution for military communications, remote training, and tactical network deployment.

## Takeaway and Conclusion

DYNICS's Flyaway Kit leverages their expertise in ruggedized solutions to provide a versatile and secure communication platform for the defense industry. The Flyaway Kit represents a significant advancement in ruggedized technology, offering a reliable solution for various applications. It ensures mission-critical operations in the most demanding conditions, making DYNICS a trusted partner in delivering innovative and secure solutions.

