

# MRO+ In-Service *Support*

OFFERED BY J-SQUARED TECHNOLOGIES INC.



**Extended Deployment of  
Critical Electronic Systems**



## Your trusted partner for long-term electronics support

J-Squared provides In-Service Support of complex electronic systems as well as best-in-class PLM. Our team members are experts in electronic (analog, digital, embedded, RF, etc.) systems diagnostics & triaging, failure analysis and system performance recovery across a wide array of Navy, Army, and Air Force platforms.

- Best-in-class product lifecycle management capabilities for long system deployments.
- Experts with up to 30 years of ISS experience.
- Obsolescence:
  - Quarterly component-level process.
  - Components stocked in environmentally-controlled chambers.
- Engineering MTBF modeling and support for legacy solutions.

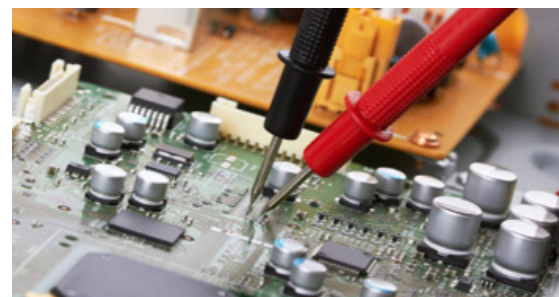
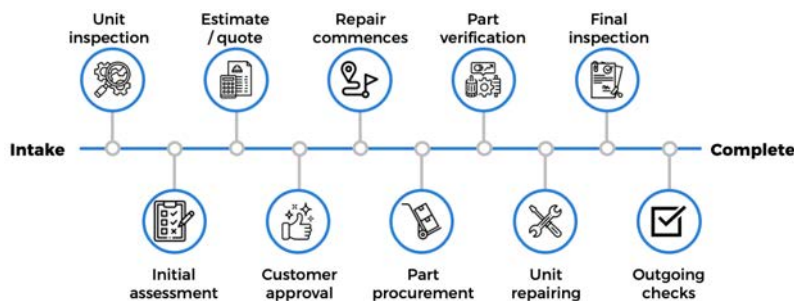
### Extending product lifecycles

Long term hardware and software programs rely on the ability to accurately maintain mission critical systems and components across their entire lifecycle. Through a combination of experienced project management, a tried-and-tested IT workflow, and continual investments in technical expertise and equipment, J-Squared has a proven ability to keep programs running smoothly throughout extended in-service deployments.

#### CRADLE-TO-GRAVE SUPPORT

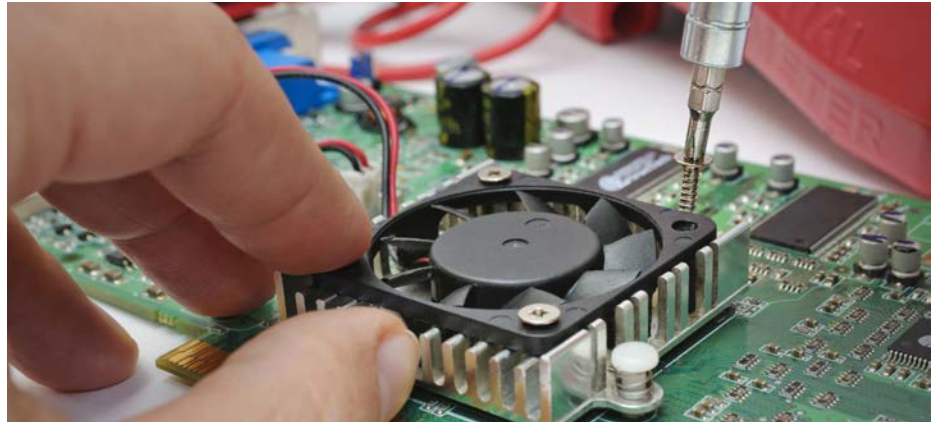
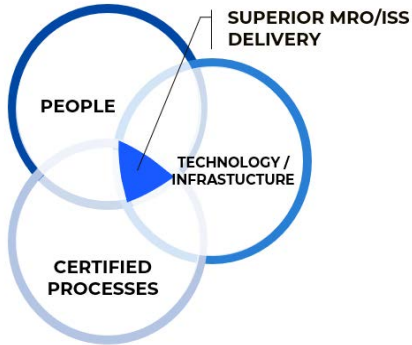


#### PROCESS DRIVEN PLM WORKFLOW



## Differentiating capabilities

J-Squared has a dedicated MRO/ISS lab to support clients' needs for cradle-to-grave support unlike any organization in the marketplace today utilizing state-of-the-art, quality certified, secured, ESD compliant, Integration & Assembly facilities.



## PEOPLE

### Specialized Skillsets



#### Electrical / Computer Engineers

LabView, C, Python, .NET, Intel Chipset, etc.



#### Engineering Technologists

Specific H/W, cabling interfaces, PXI experience, etc.



#### Mechanical Engineers

Industrial Design, chassis design & configuration drawings, etc.



#### Technical Writers / Designers

System documentation, GUI design, etc.

### Training

- PIC 771/7721, A-610
- Foreign Object Detection
- Counterfeit Component Analysis
- Risk Mitigation
- Load vs. capacity
- Ethics, safety, and more...

## TECHNOLOGY / INFRASTRUCTURE

### Software

- LabView
- Python, C, C++

### Test Equipment

- PXI Chassis
- Development Chassis: VPX, CPCI, VME
- Dataman Programmer
- BGA Rework Station
- Thermal Chambers

## CERTIFIED PROCESSES

### Quality



### Approvals

Transport Canada AMO  
571/573 #5000-16  
(FAA-145/8130-3 equivalent)

### Compliance



DD2345

# MRO+ In-Service *Support*

## **Kanata Location (HQ)**

4015 Carling Avenue  
Ottawa, ON  
K2K 2A3

## **Toronto Location**

201 Watline Avenue  
Mississauga, ON  
L4Z 1P3

## **Georgia Location**

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Berkeley Lake, GA  
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