



DLA
DEFENSE LOGISTICS AGENCY
Established 1961



The Nation's Combat Logistics Support Agency

DLA – VQ QUALIFICATION PROGRAM

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Sourcing & Qualifications Division
DLA Land & Maritime - VQ
January 01, 2024



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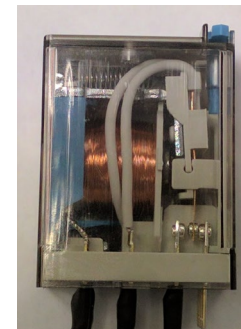
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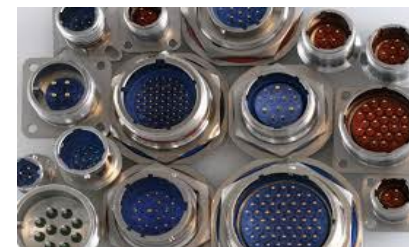
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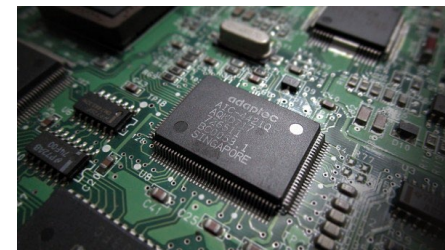
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The mission of the DLA Land and Maritime Sourcing and Qualification Division (DLA Land and Maritime-VQ) is to assist in building and maintaining the readiness of the military services and federal agencies. DLA Land and Maritime-VQ strives to provide quality sources to Department of Defense (DoD) specifications and ensure that high reliability components supplied to military services and federal agencies conform to DoD specification requirements.



- **Process of qualifying a manufacturer's products prior to and independent of a contract award**
Successful process allows us to list them on the Qualified Products Database (QPD)
- **Authority comes from DoDM 4120.24, Enclosure 14 – Qualification**
- **Federal Acquisition Regulation (FAR) Subpart 9.2 -- Qualifications Requirements**

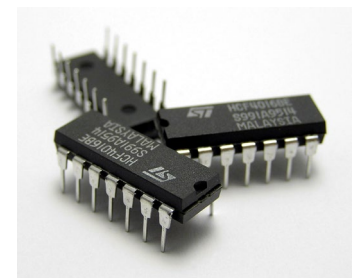


- **World Wide Program – World Wide Impact**
- **Over 500 manufacturers participate**
- **More than 150 test labs**
- **38 Qualified Suppliers List of Distributors**
- **22 Qualified Testing Suppliers List**
- **Large qualification program covering wide variety of technologies and applications.**



Electronics covers 22 types of components including:

Capacitors	Microcircuits – Hybrid and Custom
Resistors	Transistors
Connectors	Diodes
Tubes	Relays
Switches	



Non-Electronics covers 7 types of components including:

Hoses/Wipers
Fittings
Pumps
Wire/Cable





Federal Supply Classes (FSC) for the QPL/QML Programs managed by the Sourcing and Qualifications Division (VQ)

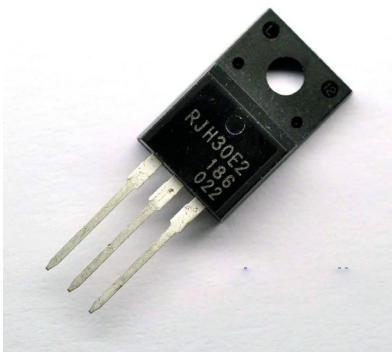
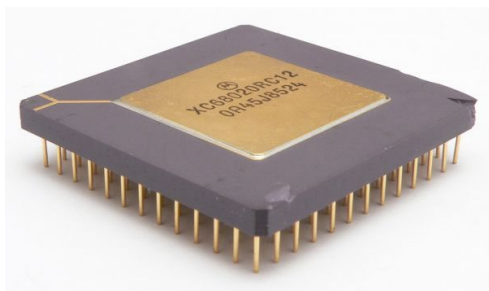
2530/2910/3020/4010/4820 – Hardware	5965 – Headsets/Miscellaneous
3010 – Universal Joints	5970 – Coatings
3030 – Belts	5980 – Backlight
4720 – Hoses/Fittings	5985 – RF & Wave Guides
4730 – Fittings	5998 – Printed Wiring Boards
5810 – Specialized Equipment, Kits, Outfits/Hand Tools	5999 – Miscellaneous
5821 – Antennas	6010/6015 – Fiber Optic Cables
5895 – RF Mixer	6060 – Fiber Optics
5905 – Resistors	6069 – Miscellaneous Fiber Optic Components
5910 – Capacitors	6145 – Wire/Cable
5915 – Filters	6625 - Indicators
5920 - Fuses	
5925 – Circuit Breakers	
5930 – Switches	
5935 – Connectors, Sockets and Accessories	
5945 – Relays	
5950 – Transformers/Coils	
5955 – Crystals & Oscillators	
5960 – Vacuum Tubes	
5961 – Semiconductors	
5962 – Microcircuits (Monolithic/Hybrids)	



QSL Programs:

QSLD – Qualified Suppliers List of Distributors

QTSL – Qualified Testing Suppliers List



Protecting the DLA Supply Chain with:

- Vendor Audit (Trusted Suppliers)
- Traceability Back to the OCM
- Physical Inspection/Testing of all components



Major Steps

- 1. Audit of manufacturing plant**
- 2. Qualification testing of manufacturer's product**
- 3. Review qualification test data**
- 4. Approval and listing on QPD**
- 5. Maintain QPD listing through review of periodic retention testing**
- 6. Build and maintain relationship with manufacturer to ensure continued performance, quality and reliability**

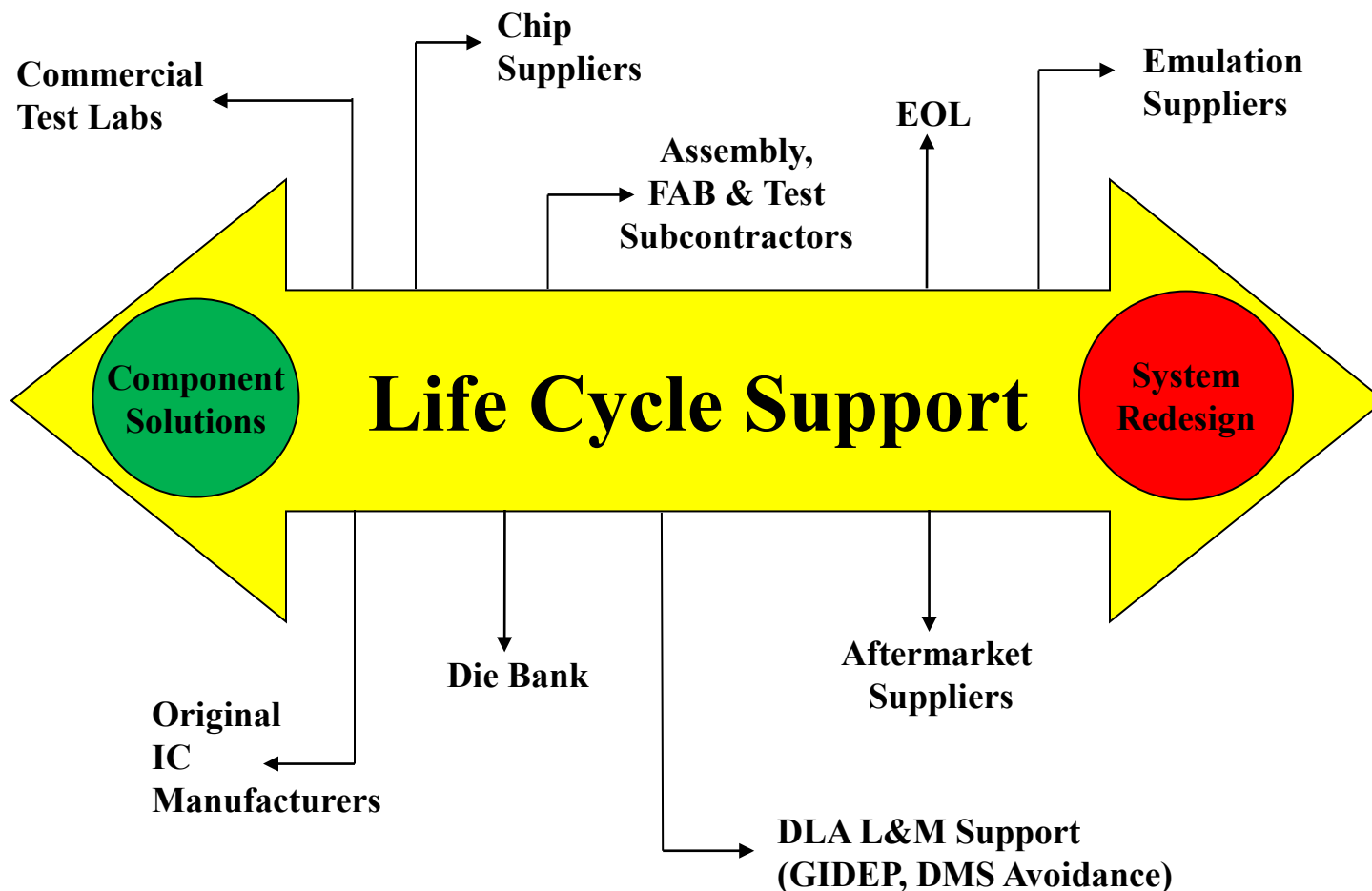


- **Process of qualifying products/processes to assure performance, quality and reliability:**
 - Advance and independent of acquisition
 - Proven product design
 - Weeds out poor (unacceptable) manufacturers/products
 - Qualification Program used for critical weapon platforms
 - Verifies capability and compliance to requirements
 - Improves availability and lead times, plus reduces backorders
 - Lowers life cycle cost
 - One-stop shopping lists of qualified suppliers/parts (over 150K NSN's on qualified parts)
 - Provides DoD tremendous audit/testing savings



Managing Diminishing Manufacturing Sources

Keeping the OEM in the Green



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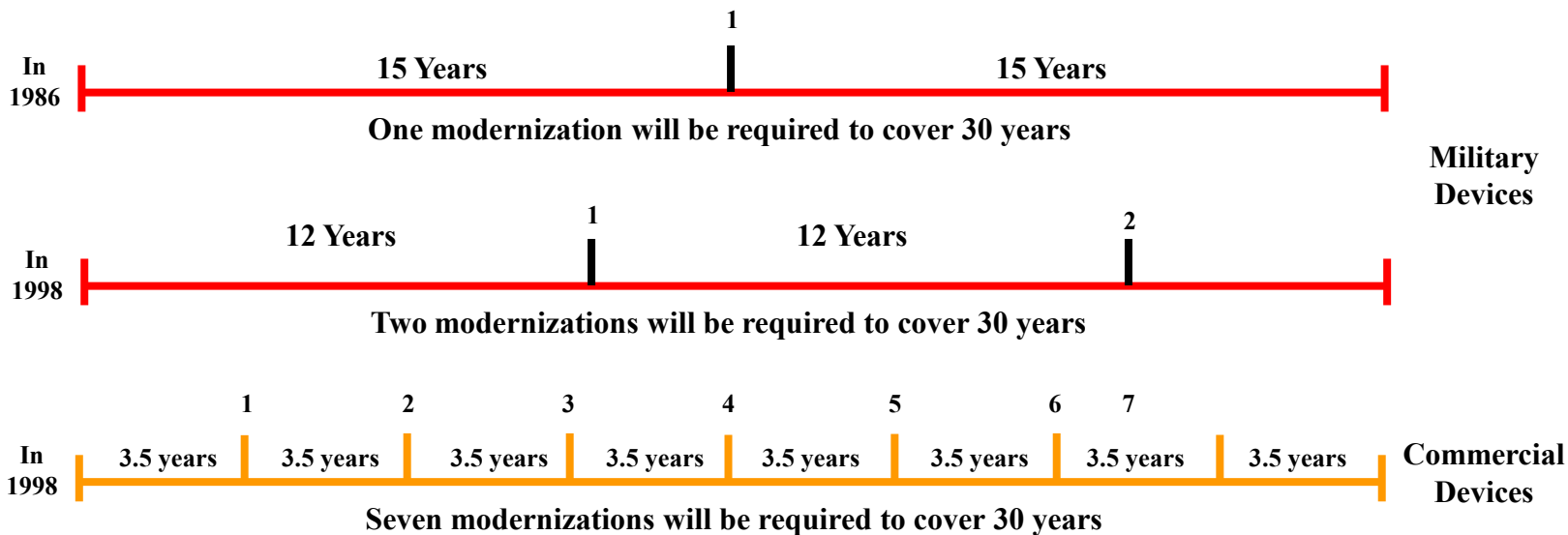


Total Cost of Ownership

Projected number of modernizations based on component lifecycles comparison military vs. commercial

(Based on digital device content)

30 year aircraft lifecycle



SOURCE: ICE "Status 97" & TACTech, Inc.

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- **Product is already tested and can be purchased.**
- **Establishes level playing field and provides a “known-good supplier” list for customers**
- **Validates continual adherence (design rules, process flow, tests)**
- **Configuration management**
- **Lower life cycle cost, shorter lead times**
- **Significantly improves quality and reliability**
- **\$211M fraud settlements**



- **Qualifications and reliability testing performed to guarantee the system's end use and environment**
- **Configuration control via change control**
- **GIDEP used to provide the customer with notice on product changes, field failures and quality/reliability issues**
- **Both the IC manufacturer and DLA L&M are equipped to provide technical review and responses on failure analysis and destructive physical analysis reports from military field failures**
- **Logistics Support and protecting the Supply Chain**
- **Engineering support from the component manufacturer and DLA L&M**
- **Product performance guarantee by manufacturer via warranty and Certificate of Conformance (if required by specification or contract) provided to the customer**
- **End of Life DMS notices provided to the customer**



- **Sourcing and Qualifications Division Web Site:**
[https://landandmaritimeapps.dla.mil/Offices/Sourcing and Qualification/default.aspx](https://landandmaritimeapps.dla.mil/Offices/Sourcing%20and%20Qualification/default.aspx)

- **QMLs/QPLs:**
<https://landandmaritimeapps.dla.mil/programs/qmlqpl/>



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