

**BLUE RAVEN**  
SOLUTIONS

# Increasing Readiness and Vehicle Availability

Supply Chain Solutions Designed to Keep Fleets and Systems Operational, Ready and Safe

**Combat Engineer and Logistics 2024**

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**CTG**<sup>®</sup>  
A DIVISION OF BLUE RAVEN  
SOLUTIONS

**Triman**  
A DIVISION OF BLUE RAVEN  
SOLUTIONS

Jim Waring  
VP, Strategic Business Development

**Booth #72**

# A Highly Strategic Combination

Our divisions, CTG and Triman, with 60 years combined experience, provide a broad set of supply chain solutions for **acquisition and sustainment support**, along with extensive **OEM partnerships** and proprietary **data analytics** tools for market insights.

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YOUR FORCE MULTIPLIER

MULTI-DOMAIN  
OPERATIONS SUPPORT  
AIR, GROUND, SEA, CYBER & SPACE



COMMERCIAL AVIATION AND MROS



# Our Capabilities

**BLUE RAVEN**  
SOLUTIONS



**Defense &  
Commercial Parts  
Supply**



**Program  
Office  
Support**



**Quality & Counterfeit  
Inspection Lab**



**Market  
Intelligence & Data  
Analytics**



**OEM  
Partnerships**



**Kitting &  
Logistics**

**CTG**<sup>®</sup>  
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- Acquisition and Sustainment Support
- Hard to Find and Obsolete Parts
- DMSMS & Obsolescence Management
- Counterfeit Prevention Program
- FMS Support /International Defense

**Triman**  
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SOLUTIONS

- Market Intelligence & Demand Planning
- Program Development / SAR / Repairs
- Kitting, Stocking and 3rd Party Logistics
- Contract management, oversight and compliance

# Government & Defense



Our trusted supply chain solutions are designed to increase fleet readiness/availability. We are an established supply chain alternative. We provide unique and proven solutions to the DoD, DLA, NSPA and Foreign Militaries.

## Supply Chain Management

- Vendor Management
- Hard-to-Find /Obsolete Parts Sourcing
- Obsolescence Management
- Kitting

## Reduced Program Risk

- Cost Savings
- Schedule Protection

## Counterfeit Avoidance

- AC7402 / AS6081
- CCAP-101

## Multiple Contract Types

- Indefinite Delivery Indefinite Quantity (IDIQ)
- Government Purchase Card (GPC)
- FMS (USASAC)
- Direct Commercial Sales
- Blanket Purchase Agreement (BPA)
- Basic Ordering Agreement (BOA)

# Military Customers



# Industry Partners



# The Problem: Supply Chain Challenges



## Legacy Systems and Platforms – Readiness shortfalls

- Age of vehicles and aircraft have outlived projected life cycle and sustainment support
- Extensive use, wear and tear, harsh conditions on platforms
- Maintenance personnel shortages and reduced service/ overhaul windows

## Repair Parts, Components and Spares

- Availability: On hand? In Stock? Quantity? Condition? In production? Obsolete?
- Source: Service, DOD, DLA, MOD, NSPA, FMS, Agency, Prime/OEMs?
- Cost, time considerations, quality control, compliance
- Alternate Sources: (Additive Manufacturing; 3-D Printing, Reverse Engineering; Engineer Change Proposal)



# Examples of Customer Support- Solutions



## Obsolete electronic components

- Customer facing production and delivery stoppage / readiness challenges
- CTG finds certified parts
- Parts tested to standard
- Production/repair kept on schedule

## Supplier goes out of business

- Customer facing production stoppage
- CTG finds certified parts from international partner
- Delivered parts in 90 days
- Customer able to maintain cost and schedule

## Low volume aftermarket need

- CTG provides alternative solution
- CTG stocks parts for multiyear need
- 100% parts delivered for repair



## FMS urgent need –Multiple Platforms

- 33 part numbers
- 11,217 total parts
- Deliveries started within 60 days of request
- Multiple classes of supply





# Product List Sample

**A wide variety of parts/spares. Multiple Platforms. We Can Help.**

- Consumables
- Expendables
- Rotables
- Actives
  - Integrated Circuits
  - Optoelectronic Devices
  - Power Sources
  - Transistors
  - Vacuum Tubes
- Passives
  - Assemblies/Modules
  - Magnetic Devices
  - Capacitors
  - Resistors
  - Transducers, Sensors, Detectors
- Electromechanical
  - Cable Assemblies
  - Switches
  - Terminals & Connectors
- Hardware
- Radio Frequency
- Telecom
- Tooling
- Engine Material
  - Engines
  - QEC
  - Blades
  - Vanes
  - Pumps
  - Indicators



# Quality Assurance



## Certified Aerospace Standards

- AC7402 - Counterfeit Avoidance Accreditation Program Certified
- AS6081 - Certified Counterfeit Avoidance and Detection Program
- AS9100 – Aerospace Model for QA Design, Development, Production, Installation & Servicing
- AS9120 - Aerospace Distributor Quality Management System

## Accredited Quality Management Systems

- ISO 9001 - Quality Management System
- ASA-100 - Aviation Suppliers Association Quality Management System
- IDEA-QMS-9090 – Independent Distributors of Electronics Association Certified

## Registrations/Memberships

- DDTC-ITAR – International Traffic in Arms Regulation
- Asa (Aviation Suppliers Association)
- ERAI and GIDEP Members
- IDEA (Independent Distributors of Electronic Association)
- JCP (US Canada Joint Certification) Lighting, Storage Compartments
- FDA Registered

## Certified Process

- FAA AC 00-56 – Voluntary Industry & Civil Aircraft Parts Distributor
- ANSI/ESD-S20.20 - ESD Control Program & Plan
- CCAP-101 – Counterfeit Components Avoidance Program
- DLA Qualified Suppliers List of Distributors (QSLD) for FSCs 5961, 5962, and Hardware
- DLA Qualified Testing Suppliers List (QTSL) for FSCs 5961, 5962 and Hardware
- IDEA-ICE-3000 Certified Inspectors - Independent Distributors of Electronics Association
- IDEA-STD-1010 – EEE Parts Validation/Testing and Inspection
- TAC2000 Certified



Cyber Risk – NIST 800-171/SPRS Compliant

# Award Winning Supplier

In Service Excellence



**SILVER PERFORMANCE  
EXCELLENCE AWARD**



**SUPPLIER OF THE YEAR**



**SMALL BUSINESS OF THE YEAR**



**TOP 50 DISTRIBUTORS**



How can we help?

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