



# BRIDGING THE GAP BETWEEN **STRATEGY** & **TECHNOLOGY**

CAPABILITIES PRESENTATION



# Company Info & Certifications



# Why Rudram?

- ▶ We bring **proven technical talent and innovation** to your team
- ▶ We offer **full-service engineering capabilities from experts** in their field
- ▶ Our in-house **resource augmentation** arm provides skilled, managed resources either inhouse or on-site rapidly
- ▶ We can work as **stand-alone teams, collaborative teams** working with you, or as **augmented staff** to your teams



Rudram brings modern, scalable, affordable, openarchitecture solutions to support our clients' missions effectively

# Core Competencies



## SOFTWARE ENGINEERING

- Scalable Software Architecture
- DevOps
- SaaS
- Testing
- Help Desk Support
- Emerging Technologies (RPA, AI/ML, autonomous computing, etc.)



## DATA ANALYTICS

- Data Cleansing
- Data Modeling
- Data Architecture
- Data Fabric
- Business Intelligence
- Dashboard Design



## SYSTEMS ENGINEERING

- System Architecture
- System Integration
- End-to-End Solutions
- IV&V
- Rapid Prototyping
- Legacy Systems Modernization



## CYBER SECURITY

- Application Security
- Network Security
- Risk Management Framework

# Markets We Serve

We leverage over **18 years of experience** successfully serving many **Complex and highly demanding markets across the globe.**



# DoD Solutions: Martek and MPU5 Data Radio Systems

## ➤ Martek Products

- **Advanced Maritime Technology:**  
Offering a wide range of solutions tailored to maritime security, surveillance, and operations.
- **MANTAS Systems:**  
Featuring stealth capabilities, self-righting protocols, and modular designs for diverse missions, including ISR, MCM, and EW.
- **Devil Ray Series:**  
High-speed, long-endurance unmanned vessels built for precision navigation and multi-role missions in challenging sea states.

## ➤ MPU5 Data Radio System

Send us your resume, and we'll notify you of upcoming opportunities.

- **MANET Capabilities:** Self-configuring networks without a master node, supporting dynamic connectivity for mission-critical applications.
- **MIMO Technology:** Enhanced throughput, range, and reliability using advanced signal processing.
- **Node Hopping:** Seamlessly expands network coverage by relaying data across connected nodes.
- **Secure Communication:** 256-bit AES encryption ensures secure data transmission across all nodes.

Our partnership with industry leaders like Martac and expertise in advanced communication systems ensures innovative, reliable, and mission-ready solutions for defense applications.



# Staff Augmentation

## ▶ Driving the IT Resource Revolution

- Active Database for over 1500+ engineers
- Contract/Contract-to-Hire/Direct Hire
- Highly skilled professionals available on short notice
- Short term or Long-term contracts
- Provide Project-based Managed team
  - ▶ Technology Consulting
  - ▶ Solution Integration
  - ▶ Disaster Recovery – Placement in <96 hours
  - ▶ Parallel working teams
- ***1 FTE on CGS TVA project looking to expand our support within CGS***

**Belcan**

satcom  
direct

Capgemini

M  
Millennium Engineering  
and Integration Company

CN COFOMO



# Past Performance - Commercial

## ▶ THALES AVIONICS, INC

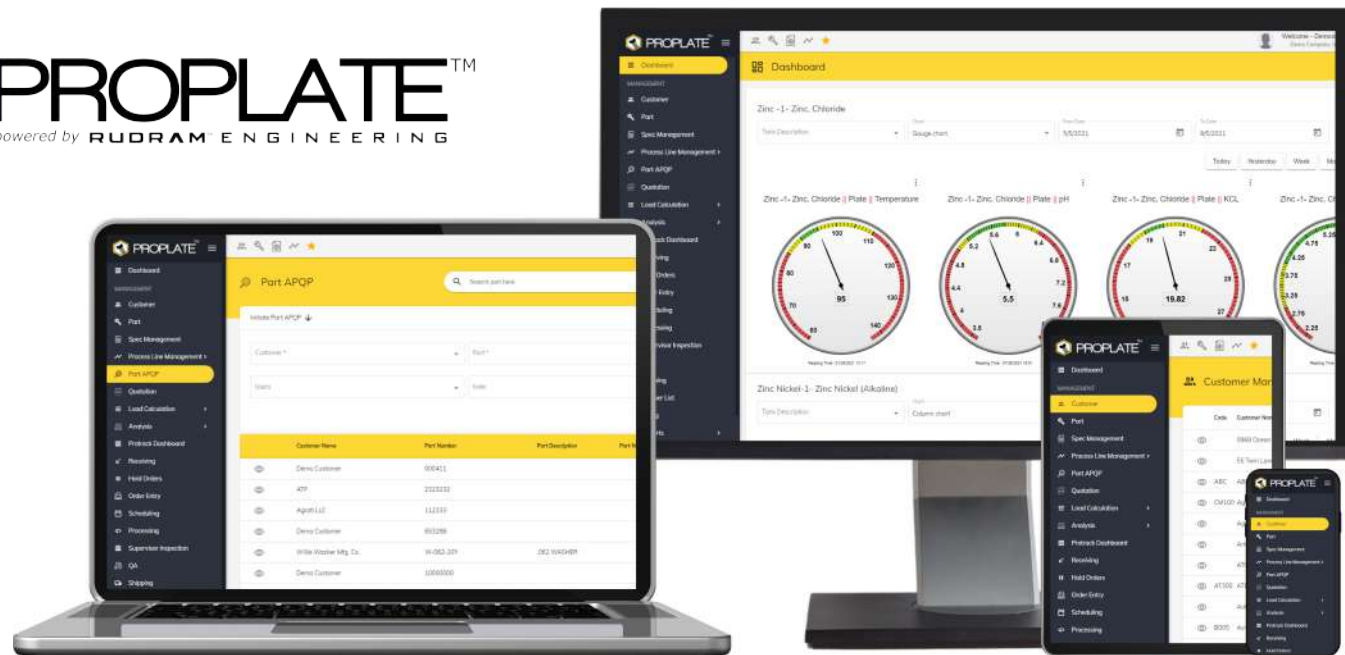
- We replaced a legacy system with a cloud-based Big Data Back Office Infrastructure architecture and **microservices** that scale up or down based on their big data demands, ingests data, enriches it, and presents actionable data with stunning **dashboards** and visualization reports.
- Realized an 88% reduction in cycle time for 250,000 log files, each with 3,000-5,000 data tags

THALES



## ► PROPLATE™, LLC.

- Using **predictive analytics** and **robotic process automation** to eliminate the manual processes, we developed a custom enterprise-level SaaS that optimizes end-to-end electroplating operations from quotations to the finished product.



# Past Performance - Commercial



## ▶ KSD Technology Pvt. Ltd.

- We designed computer system that aggregates and analyzes data from multiple sources automatically and clandestinely, then provides Indian naval vessels with updated information regularly, ensuring the integrity of the data to authorized users.
- Our artificial intelligence and predictive analytics extract information from the data to improve the speed and accuracy of decision-making.

# Past Performance - Commercial



## ▶ Independent Liquor Group (ILG)

- We developed and deployed the ILG2019 Portal, a SaaS that uses **Robotic Process Automation** to automate the processes of group purchasing, billing, use of discounts, and delivery of the product for hundreds of liquor store owners.

# Past Performance - Defense

## ► RAYTHEON

- **APPLICATION: US Army aviation helicopters electronic flight tablets**
- Supported Raytheon's Electronic Data Manager (EDM) including design of a COTS-based rugged kneeboard computing system developed in coordination with Raytheon and fielded by the US Army

# Raytheon



# Past Performance - Defense

## ➤ SECURE TECHNOLOGY COMPANY

- **APPLICATION:** Patrol vessels, Survey vessels, and small landing craft
- Executed a product development project in which various ship vessel equipment, including radar, AIS, marine radio, echo sounder etc., required upgrades





**Let's make it happen!**

**Innovation**

**Transparency**

**Performance**



[www.rudraminfotech.com](http://www.rudraminfotech.com)



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