

KOCATEPE | CP 100

TACTICAL CLOUD-BASED COMMAND
AND CONTROL SERVICE PLATFORM

#C4I



The Tactical Cloud-Based Command and Control Service Platform is a working platform that provides a workspace environment for command&control applications in the tactical domain, offering common command&control and infrastructure services (cybersecurity, monitoring, inspection, identification, etc.). KOCATEPE CP 100 is a critical platform that enables data-driven decision making, real-time analysis, use of centralised analysis services, process load balancing and communication services between operational units in military operations.



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Applications

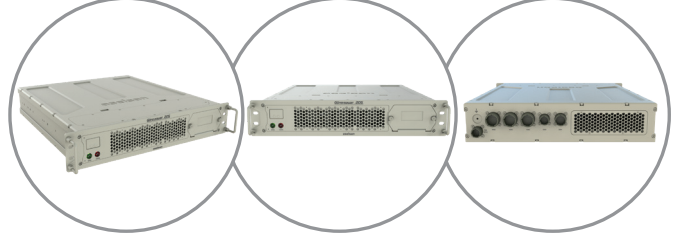
- Command & Control Systems
- Tactical Data Center
- High Performance Storage
- High Performance Computing

Technical Specifications

- 3 x ASELSAN Görevsayar 20S Server Computer
 - Intel Xeon Gold 5218 T 16 Core CPU
 - 128 GB RAM
 - 2 x 4TB + 2 x 480 GB SSD
- Ruggedized for tactical field conditions
- Hardware configuration according to project requirements

Functional Specifications

- Data Storage Services (Block, Object, File)
- Database Management Systems (Postgresql, MongoDB, Oracle XE,MySQL)
- Distributed Message Streaming Platform (Kafka, RocketMQ)
- Authentication and Authorization Services (SCOPE IAM)
- Component Storage Services (Nexus Artifact Repository, Harbor, Gitea)
- Logging Infrastructure (Elastic Cloud on Kubernetes, SCOPE LogManager)
- Monitoring and Tracking Infrastructure (Prometheus, Grafana)
- Kubernetes Cluster Platform



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.