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## **Electromagnetic Warfare Data Flow in a Degraded Environment**

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#### **Abstract:**

Oracle is a data company that spends hundreds of millions of dollars a year on research and ways to enhance how users can interact with their data. Oracle database ingests all types of data from all types of sensors, and with configuration, can easily integrate all that data regardless of the type or sensor origin. From those relationships, commanders get analysis and decision support.

Once data is consolidated into a repository, your organization is ready for the next step: self-service analytics. Oracle Analytics delivers complete self-service analytics in an intuitive user interface built for everyone, from business users to data scientists. Available in the cloud, on-premises, or as a hybrid deployment, Oracle Analytics uses machine learning and artificial intelligence to uncover hidden insights and generate instant visualizations.

All of this can be done forward, in a DDIL environment on Oracle's roving edge infrastructure. Oracle edge infrastructure comes in two smaller form factors, the Ultra, which is a 7lbs backpackable device, and the RED, which is a 2U server in a ruggedized faraday cage case that weighs about 80lbs and comes with GPUs. These devices talk between each other and to the enterprise tenancy, over any transmission device with an RJ-45 connector; SATCOM, 5G, wired internet, SINGARS with an RJ-45 dongle, etc.