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10:30 a.m. – 10:50 a.m.

***Sustainment in 2025: Tomorrow's Solutions, Today***

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Abstract: As Enterprise Software moves to the Cloud and as Machines connect to the Internet of Things (IoT), all of our assumptions about how to run an effective sustainment program needs to be reevaluated. In the past, machines were dumb, and people were smart. The opposite may be true by 2025. Everything that you know about supply and maintenance will be challenged as we look at the future of sustainment during this thought-provoking session.

In the past, the best maintenance programs were based on disciplined preventive maintenance strategies. Preventive maintenance may be completely replaced by predictive and machine requested maintenance by 2025. How will virtual reality, machine learning, blockchain, and many other emerging technologies change the role of the supply and maintenance professional? In support of the never-ending effort to lower sustainment costs and optimize the performance of military systems, the Oracle SCM Cloud has empowered the expansion and use of predictive and prescriptive solutions. Oracle SCM Cloud is successfully deployed by asset-intensive companies around the world.

This session addresses the benefits available by using SaaS to stay current during these trends and the next. Innovation Background: Oracle has built end-to-end, unified business processes that consider the supply chain of the 21st century. Oracle's SaaS applications embed emerging technologies within the application delivering new capability faster and easier for customers to deploy. Whether it is blockchain, IoT, or adaptive intelligence, Oracle SCM Cloud incorporates the digital supply chain with capabilities that include product innovation, strategic material sourcing, outsourced manufacturing, integrated logistics, omni-channel fulfillment, and integrated demand and supply planning, making it the most comprehensive SCM suite in the cloud. Oracle SCM Cloud also allows you to deploy functionality incrementally, with minimal risk, lower cost, and maximum flexibility—all with the benefit of ongoing functional innovation and that delivers more sustainable supply chain.

Oracle SCM Cloud capability provides and integrates:

- Maintenance: Increase equipment and asset reliability and uptime while managing and reducing overall maintenance costs by moving to a predictive maintenance model. Drive optimized supply chain management and improved customer experiences with real-time insights from connected assets.

- Inventory Management: Provides comprehensive visibility and enables optimal management of material flows, warehouse work, and product costs across the supply chain.
- Logistics: Ensures compliance and reduces logistics costs for more customer-centric order fulfillment with an integrated warehouse, transportation, and global trade management.
- Order management: Manage orders from multiple organizations in a single view. Orchestrates the order fulfillment process and proactively resolves exceptions.
- Supply Chain: Detect, analyze, and resolve disruptions throughout Navy enterprise and key trading partners. Intelligently automates end-to-end processes making the Navy supply chain more efficient and responsive. Streamlines daily operations and strategically optimizes the responsiveness of your supply network through industry proven SCM best practices, prebuilt dashboards, reports, and metrics.