

DEPLOY: VIRTUALIZATION

SHARE TESTS AND TARGETS ACROSS A NETWORK OF INTEGRATORS

THE CHALLENGE

A specialized supplier of software platforms for defense applications is building a new visual user interface for battle-zone fleet management. This will plot a virtual map of all vehicles out in the field, give an indication of their state of health, and provide a report of aggregated environmental data.

This project requires a consolidation of applications from at least five suppliers, each with its own specific vehicle type — armored personnel carriers, tanks, drones, etc. — onto a single operating system running on a tablet device.

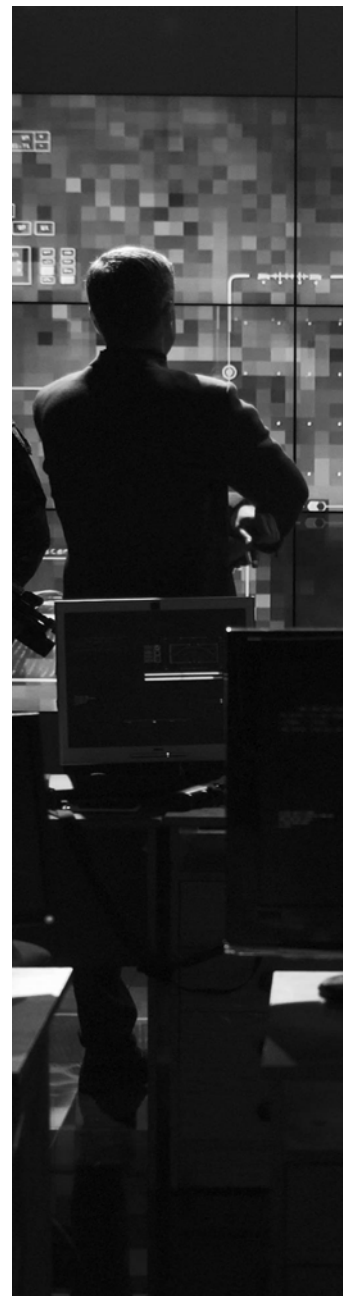
THE SOLUTION

Using Wind River® Studio's extensive support for containers and containerized workloads, the team can leverage either the VxWorks® real-time operating system or Wind River Linux group policy object container technology to fully validate and integrate the OCI-compliant runtime.

All five suppliers, and even others in the future, can collaborate under the same single pane of glass to deliver their own custom applications in containers, share test automation plans, and validate on shared targets in Studio Virtual Lab.

THE RESULTS

With built-in support for developing and deploying containerized workloads, each team can work with its own agile methodology yet deliver into a unified, coherent solution.



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