

BACKGROUND

The Wideband Global SATCOM (WGS) system relies on proprietary, single-vendor solutions. This type of architecture can inhibit flexibility and resilience and integrating components from other vendors requires significant effort.

METHODS

This demonstration leverages DIFI to interconnect digital IF equipment from multiple vendors including standards-based software-defined modems to increase deployment flexibility.

RESULTS

Interoperability was achieved between hardware and software modems. Expanded DIFI adoption in the ecosystem supported this effort.

CONCLUSION

The inclusion of DIFI and standards-based software modems can significantly enhance WGS readiness and flexibility.

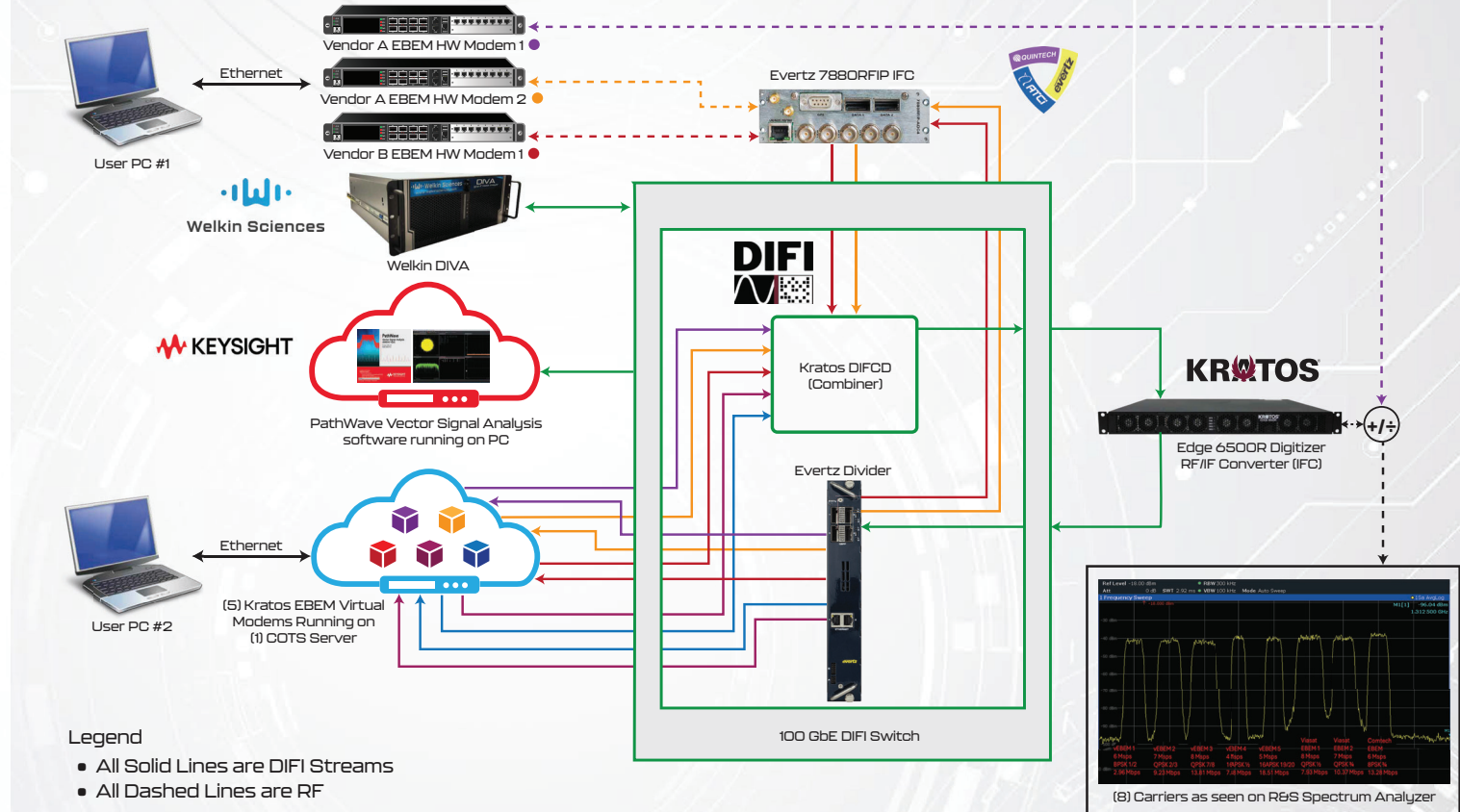
KRATOS



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Enabling DIFI Within WGS Multi-Vendor Virtual/Analog Modem Interoperability

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