

WE INNOVATE. WE DELIVER.
YOU SUCCEED.

Addressing the Platform Challenges of Next Generation Electronic Warfare Systems

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Electronic Warfare



Electronic Attack



Electronic Protect

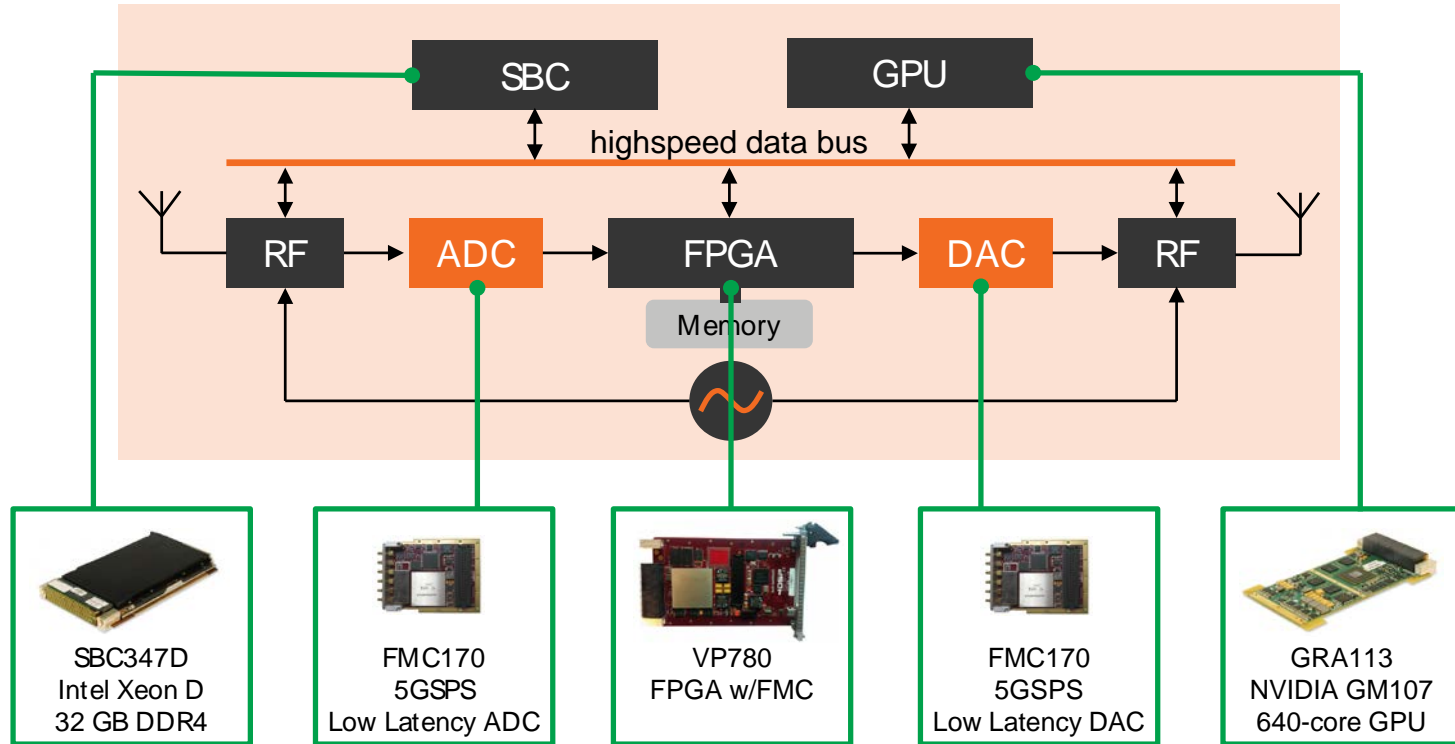


Electronic Warfare
Support

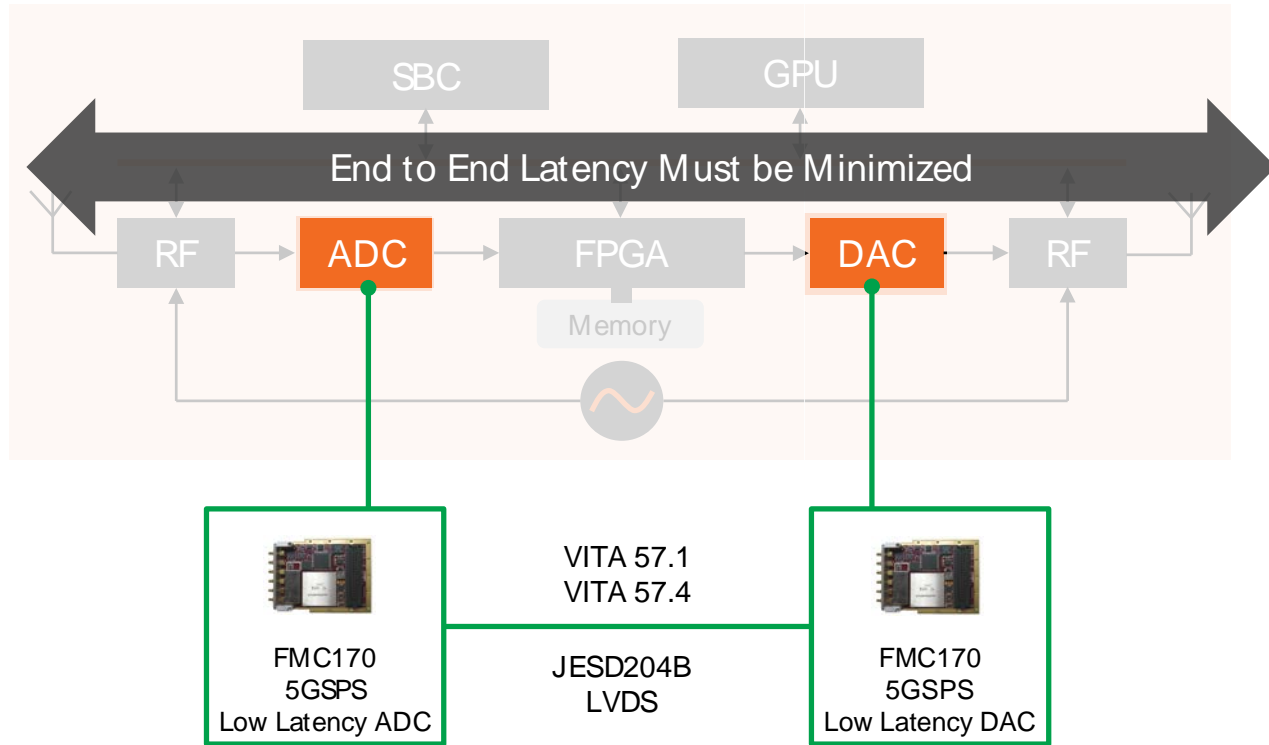
Typical Electronic Attack Mission



Traditional Electronic Warfare System



EW Platform Challenge: Latency

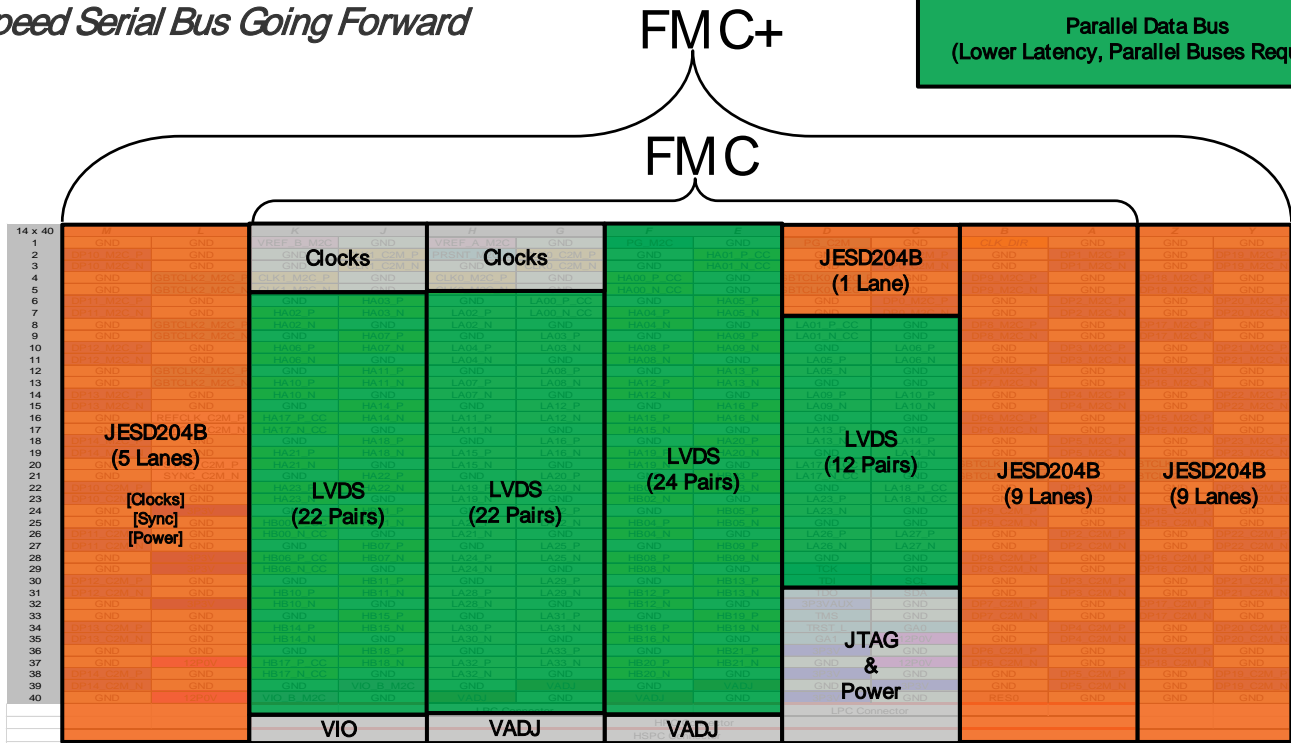


VITA 57.1 & VITA 57.4 Pinout

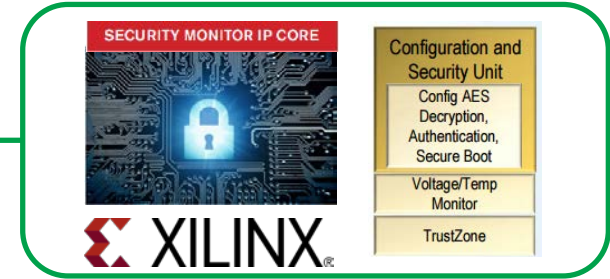
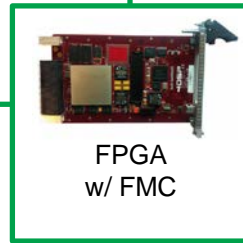
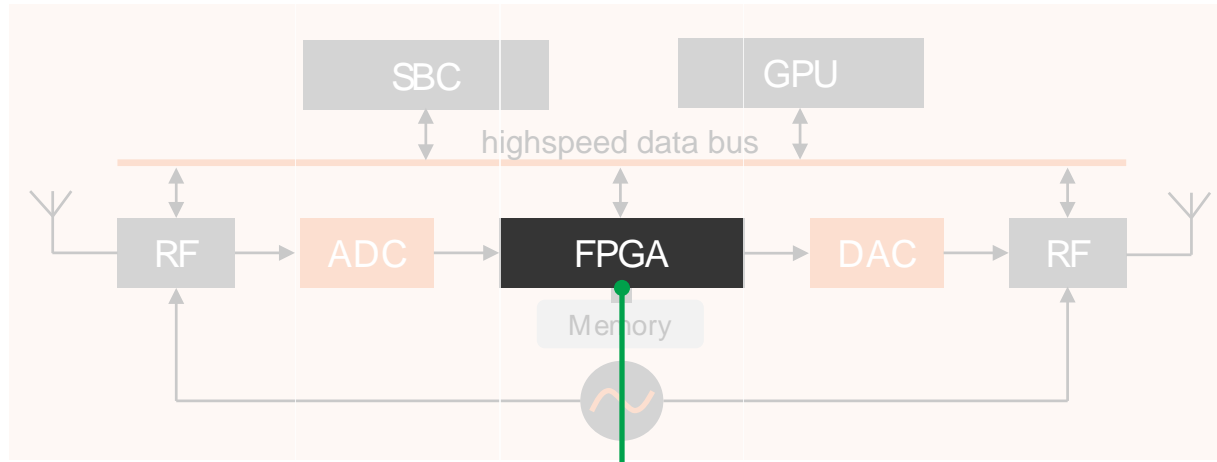
Favors High Speed Serial Bus Going Forward

High Speed Serial Lane
(Higher Latency, Higher Data Rates)

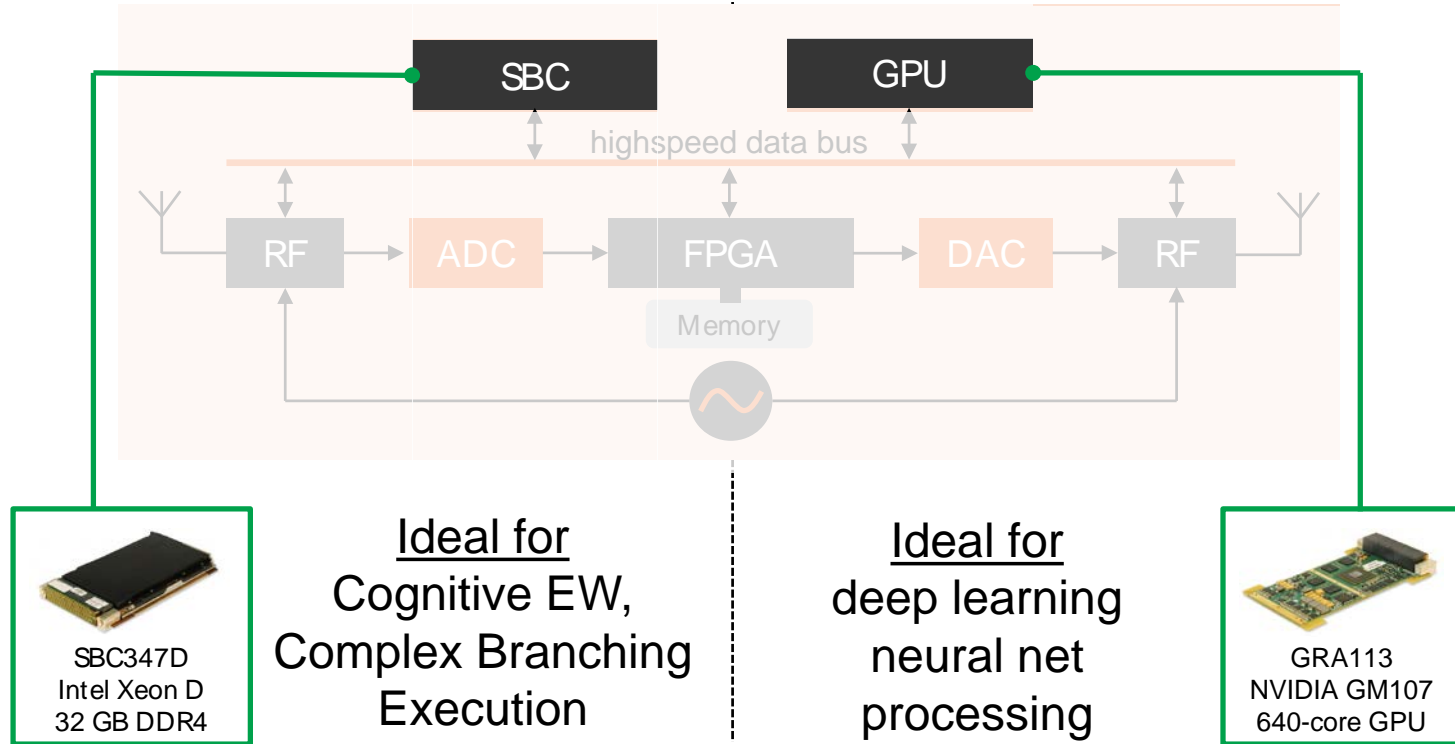
Parallel Data Bus
(Lower Latency, Parallel Buses Required)



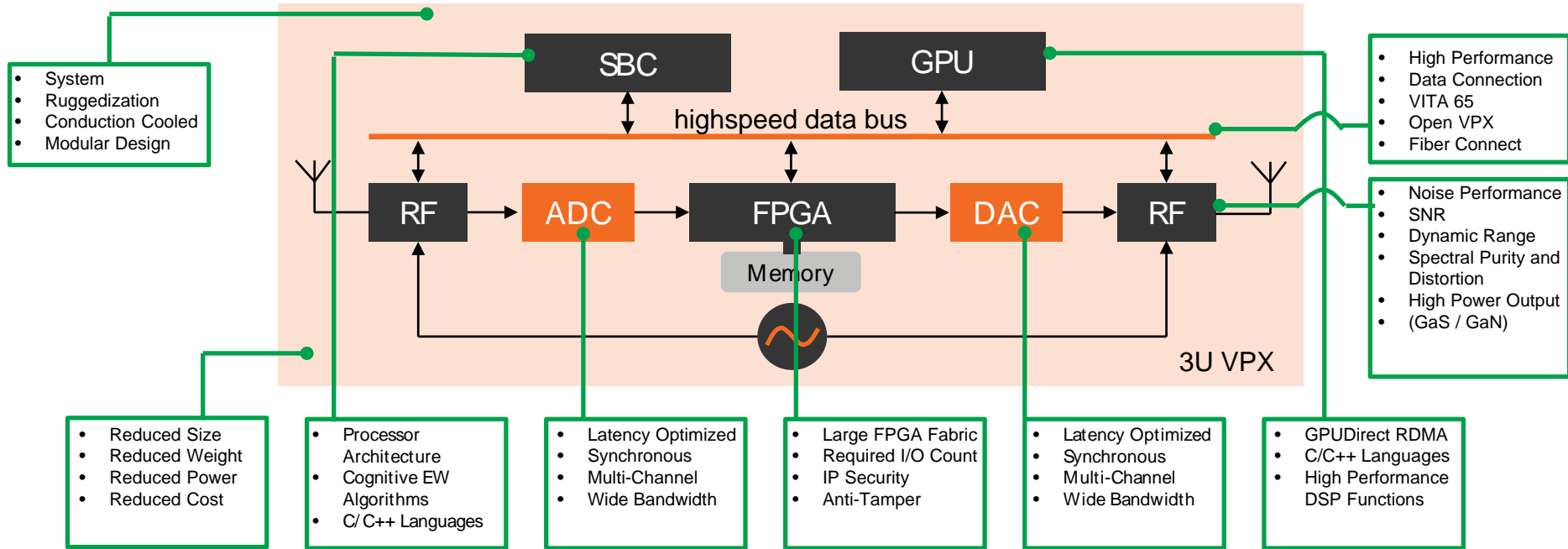
EW Platform Challenge: Resources & IP Security



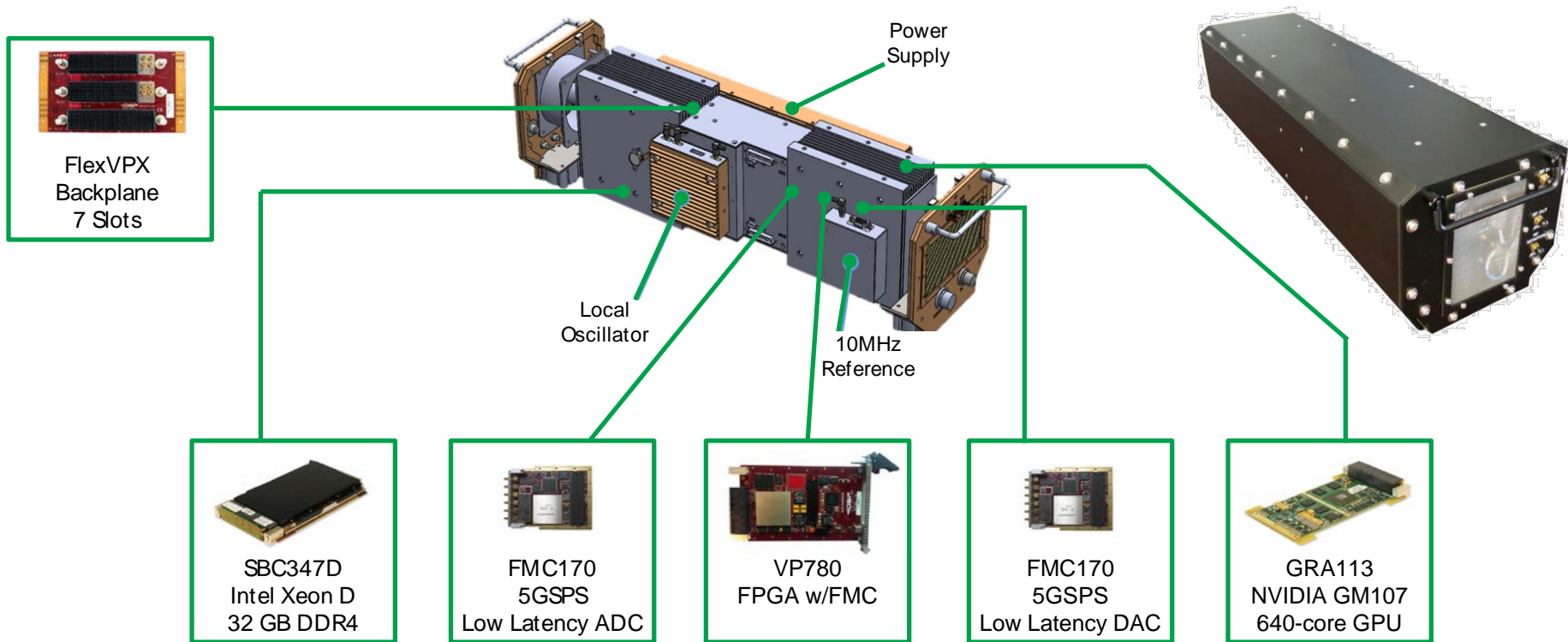
EW Platform Challenge: 'Use the Right Tool'



Challenges of Next Generation EW Systems



VPX167 COTS Airborne Pod Platform





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