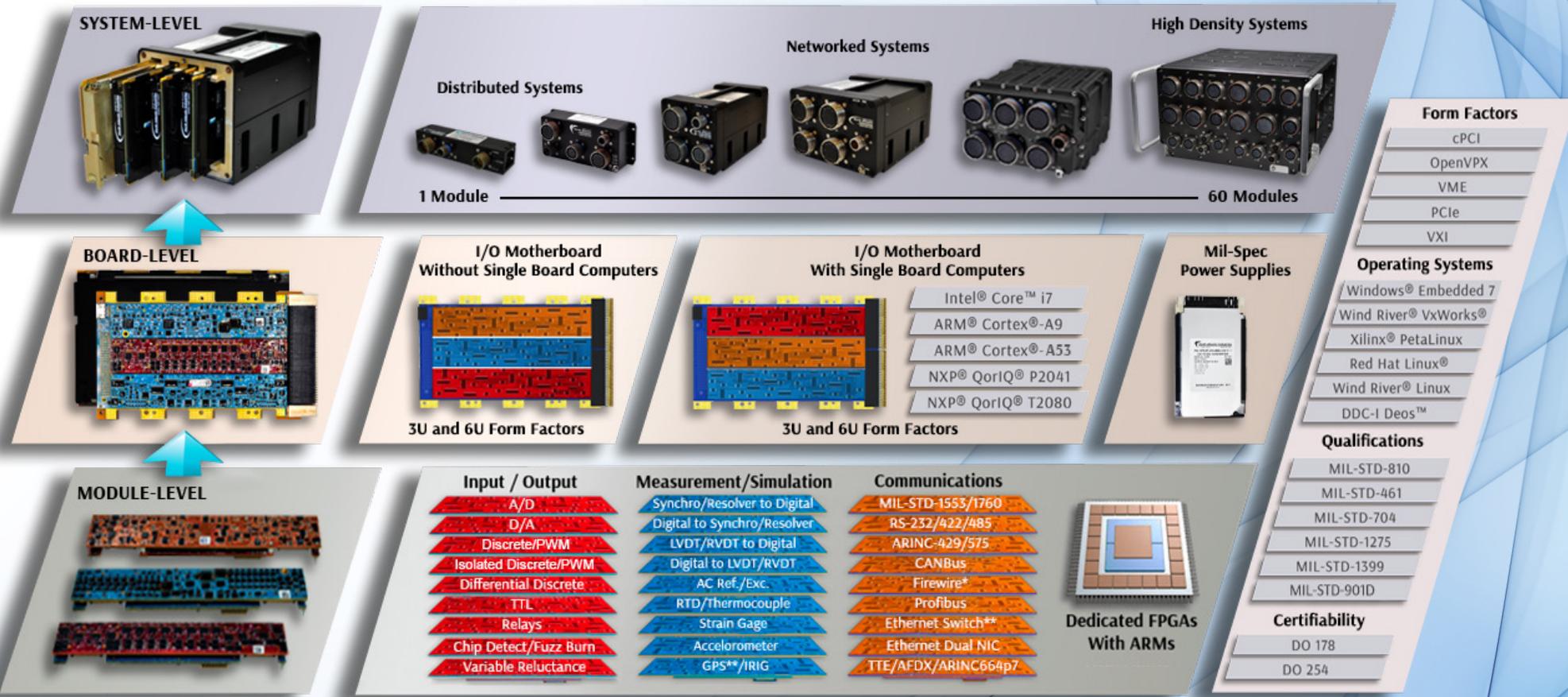




# NAI Configurable Open Systems Architecture™ (COSA®) for I/O Boards, SBCs, and Systems

A massively configurable, modular, intelligent approach offering unmatched breadth and scalability. COSA supports a wide range of complex and time-critical requirements in a distributed, intelligent, software-driven architecture that allows you to rethink the way you engineer power-critical and I/O-intensive mission systems.





# NAI Software and Processing Advantages

Dedicated FPGAs embedded on our smart modules enable you to rapidly create configurable mission systems – while reducing or eliminating SBC overhead.

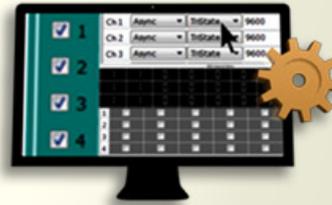
SYSTEM-LEVEL

High Density Systems

## SOFTWARE-LEVEL



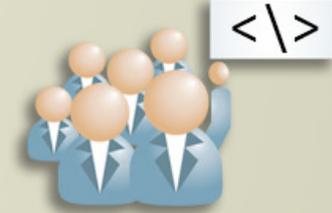
Proven Software Libraries + Source Code



Jump-start Development GUI-Driven Soft Panel

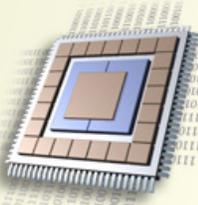


Distributed I/O with Single API Programmability

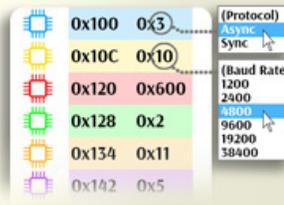


I/O Expertise & Capabilities Reduce SLOC by 30%

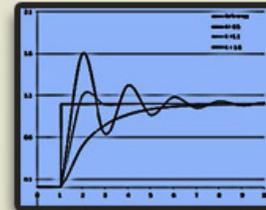
## PROCESSING-LEVEL



Dedicated FPGAs



Memory Map-Based Configurability



Programmability I/O Including PID Loop Support



Health-Monitoring & Built in Test