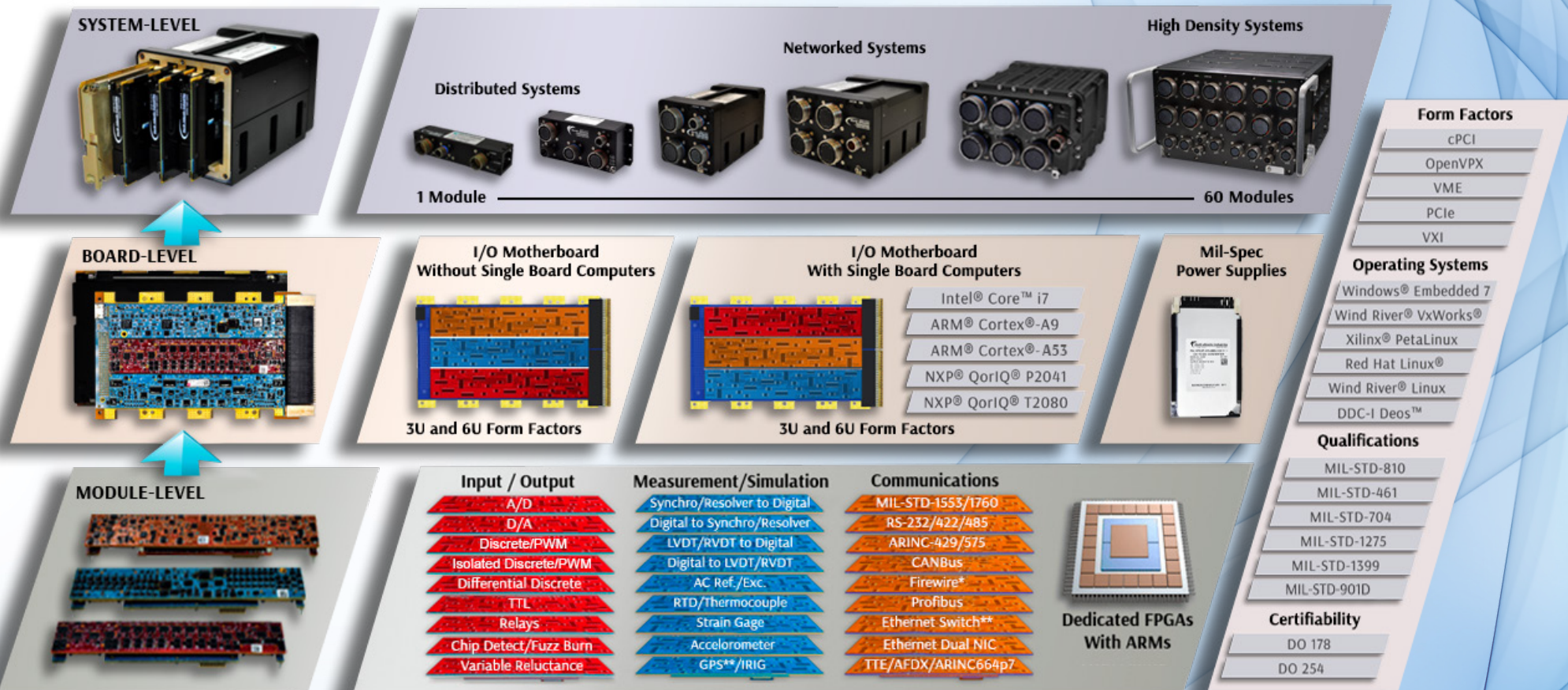




# NAI Configurable Open Systems Architecture™ (COSA®) for I/O Boards, SBCs, and Systems

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.



\*Occupies 2 module slots





# 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.

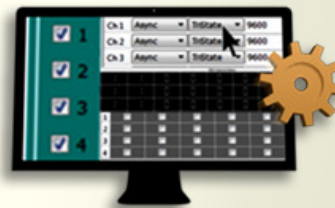
## SYSTEM-LEVEL

## High Density Systems

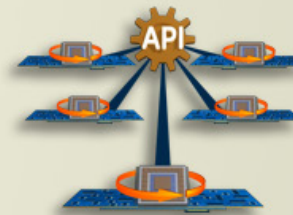
### SOFTWARE-LEVEL



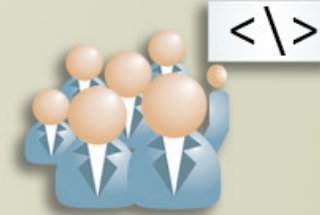
Proven Software Libraries  
+ Source Code



Jump-start Development  
GUI-Driven Soft Panel

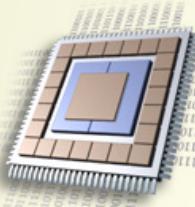


Distributed I/O with  
Single API Programmability



I/O Expertise & Capabilities  
Reduce SLOC by 30%

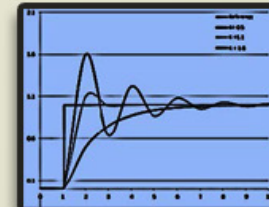
### PROCESSING-LEVEL



Dedicated FPGAs



Memory Map-Based  
Configurability



Programmability I/O  
Including PID Loop Support



Health-Monitoring  
& Built in Test