

Multicore and Multi-OS

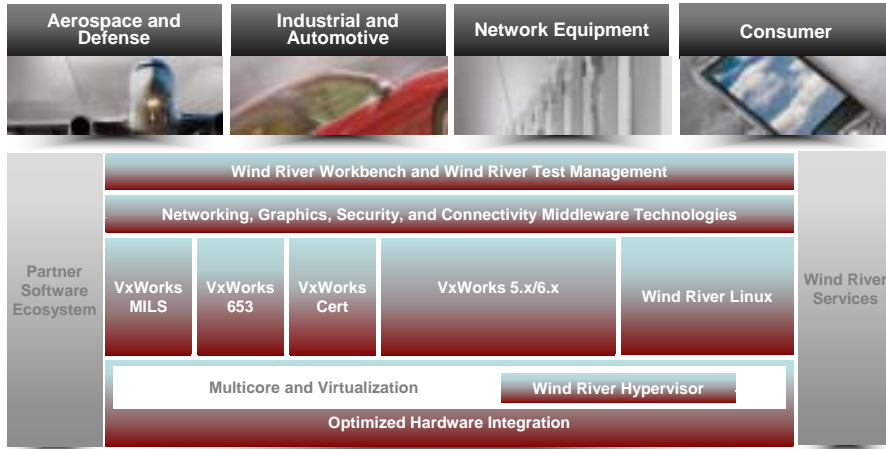
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Multicore Is Reality

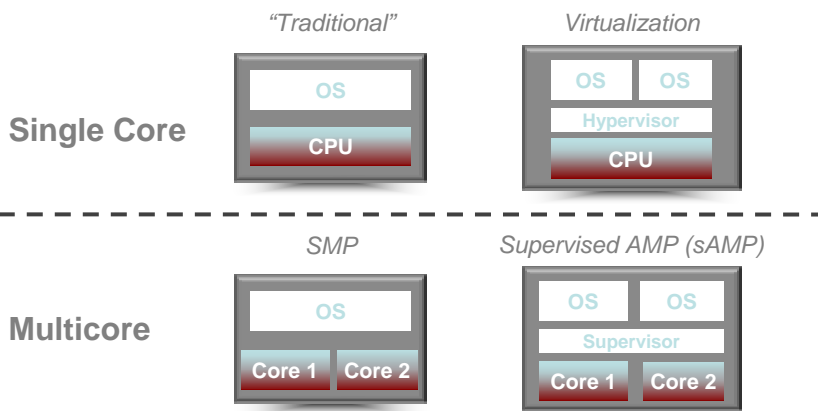
- **Multicore adoption fast than imagination**
- **Heterogeneous architecture does not affect programming significantly**
- **But, homogeneous architecture does**
- **Multicore and Multi-OS are connected**
- **Multi-OS and Virtualization are connected**

Wind River Product Portfolio



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Primary Multicore Software Configurations

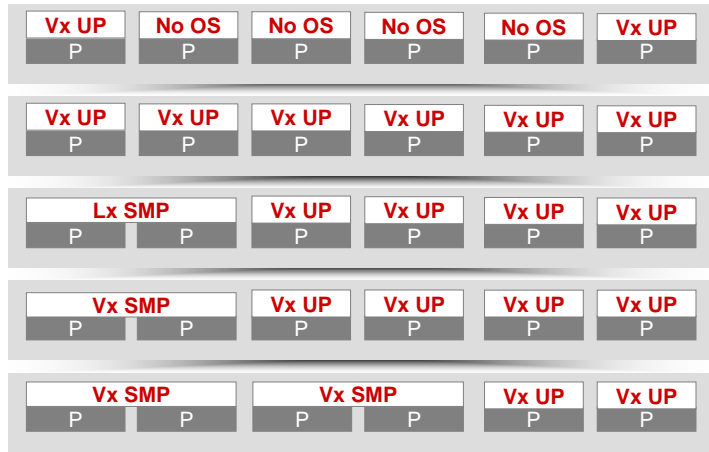


Arbitrary combinations of these primary configurations can be used to create more advanced configurations.

OS: Could be VxWorks, Wind River Linux, or other executive or OS

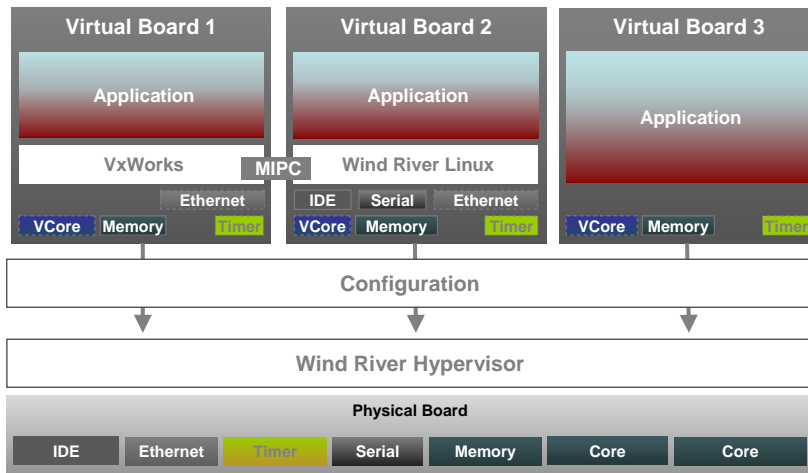
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Limitless AMP Configurations



AMP configurations can be created in endless combinations of cores, boards, and operating systems.

Virtual vs. Real -- Manageable



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