

Wind River

Leading Provider of Solutions for  
Intel® Data Plane Development Kit



**WIND RIVER**

# Wind River is a Leading Provider of Software for Communications

- **Wholly owned independent subsidiary of Intel**
- **Networking Market Share Leader**
  - Deep Networking and Telecoms experience
  - Strong DPDK Expertise
  - Provider of Integrated OS, Tools and Networking software
- **Wind River software running in 100s of millions of networking devices**
- **1,600 Employees**
- **Award winning Technical Support**
- **Worldwide Footprint**



# Wind River Provides Intel® DPDK Solutions For Any Linux

**Wind River helps  
ALL customers  
build, integrate and manage  
their Intel® DPDK solutions**

Customer Application  
(program using  
Intel® DPDK APIs)

Any Linux OS

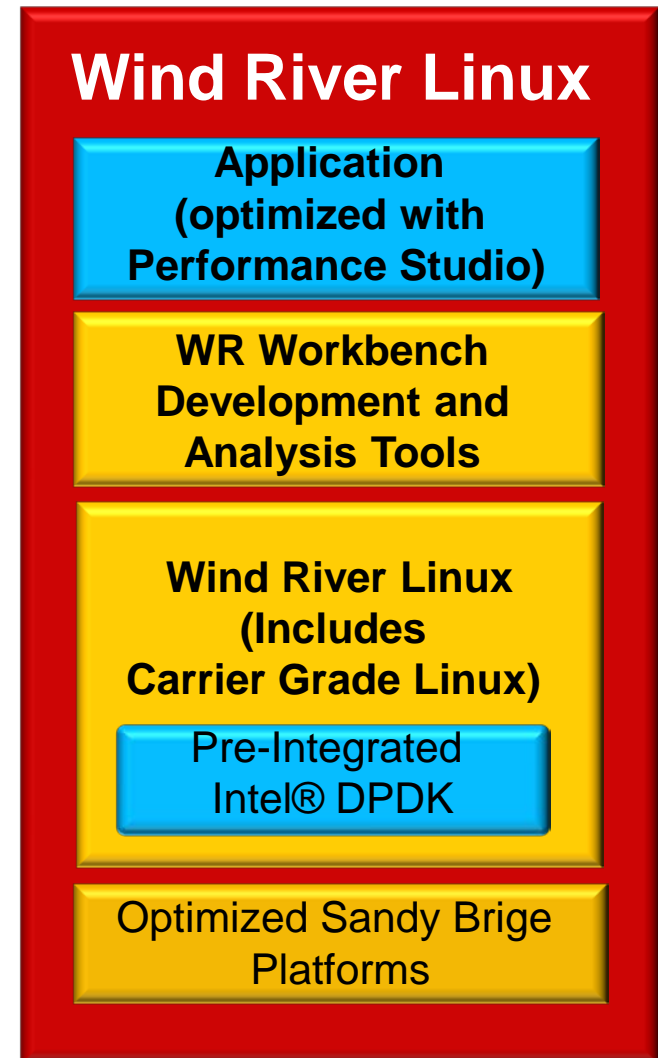
**Intel® DPDK**

**IA Platform**

- Customize Intel® DPDK to your needs
  - Have a deeper understanding of the underlying Intel hardware
  - Migrate silicon specific software to new hardware targets
- Implement your network protocol software or port legacy software to Intel® DPDK
  - Ensure Intel® DPDK support for higher level network protocols (e.g. Link Aggregation, IP Fragmentation and Re-assembly, PPPoE support, etc)
  - Tune, optimize, and maintain the development platform, costing time and money
- Provide HW porting services
- Design and Consultancy Services

# Intel® DPDK is Even Better With Wind River Linux

- Fully Integrated Intel® DPDK provides ease of use for fast-path packet processing
- Intel® DPDK on Wind River Linux is:
  - Packaged for WR build environment
  - Integrated with WR Workbench tools
  - Built for cross-compile embedded model
- Supported by a world-class customer-support process
  - With Intel engineering as 2nd level
  - Combining the strengths of Intel and Wind River
- Ships with Sandy Bridge BSPs →



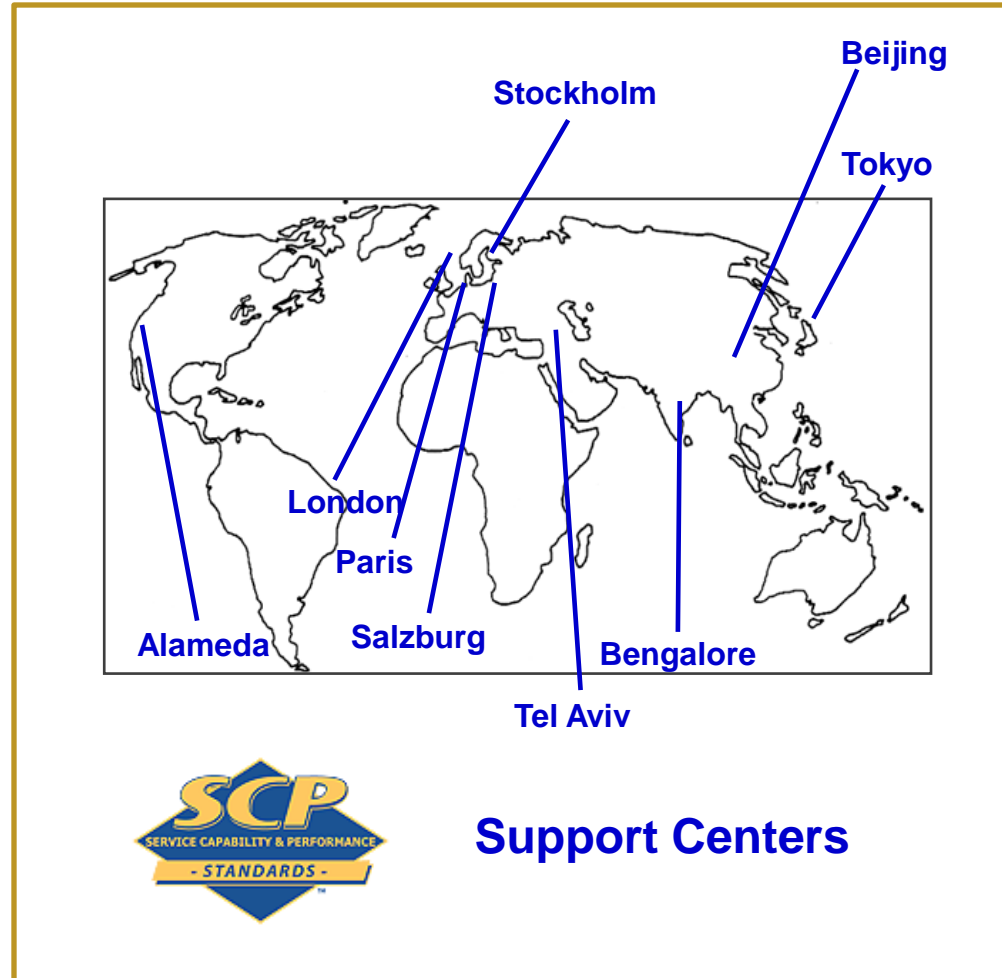
# Get the Best from Award Winning Technical Support

## Wind River Support Team

- World-wide organization with 9 major support centers
- Trained for Intel® DPDK and Linux
- 100+ support engineers
- SCP certified and Award winning

## Wide range of offerings

- Standard Support
- Premium Support
- Engineering Services
- Virtual Lab



# Intel® DPDK Support Options

- Premium Project Support
  - Dedicated Support Engineer
  - 3 days of On-Site mentoring including Software Configuration and Validation
  - Expedited SLA and Priority call handling
  - Quarterly onsite performance reviews
- Virtual Lab
  - Additional support for non-reference hardware
  - Wind River “hosts” your unique hardware and SW environment
  - Enables better trouble shooting and maintenance
- Intel® DPDK Training
  - Professionally-designed expert-led hands on training

# Wind River Services Can Help



- **Architecture Consulting**
  - We can help you leverage Intel® DPDK to its fullest extent,
  - We analyze your requirements, goals, hardware and software and identify possible architectures, perform tradeoffs, and provide recommendations and a plan on how to best architect
- **Design and Integration**
  - Help integrate DPDK into your application properly. Ensure performance requirements and scalability
  - Reduce risk to your program and take full advantage of Intel® DPDK without dedicating internal resources.
- **Protocol porting**
  - Implement your own network protocol software or port legacy software to Intel® DPDK
- **Tune, optimize, and maintain the development platform**

Contact Wind River Today to jump start your Intel® Data Plane Development Kit project.

Wind River will help you accelerate your project with Technical Support, Professional Services or a complete integrated Linux platform optimized for Intel Architecture and Intel® DPDK

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