# Microsoft Technical Computing

## Modeling the world with greater fidelity

Jeff Wierer, Director of Product Management

Client

single node
shared memory

Cluster

multiple nodes
distributed memory

Cloud

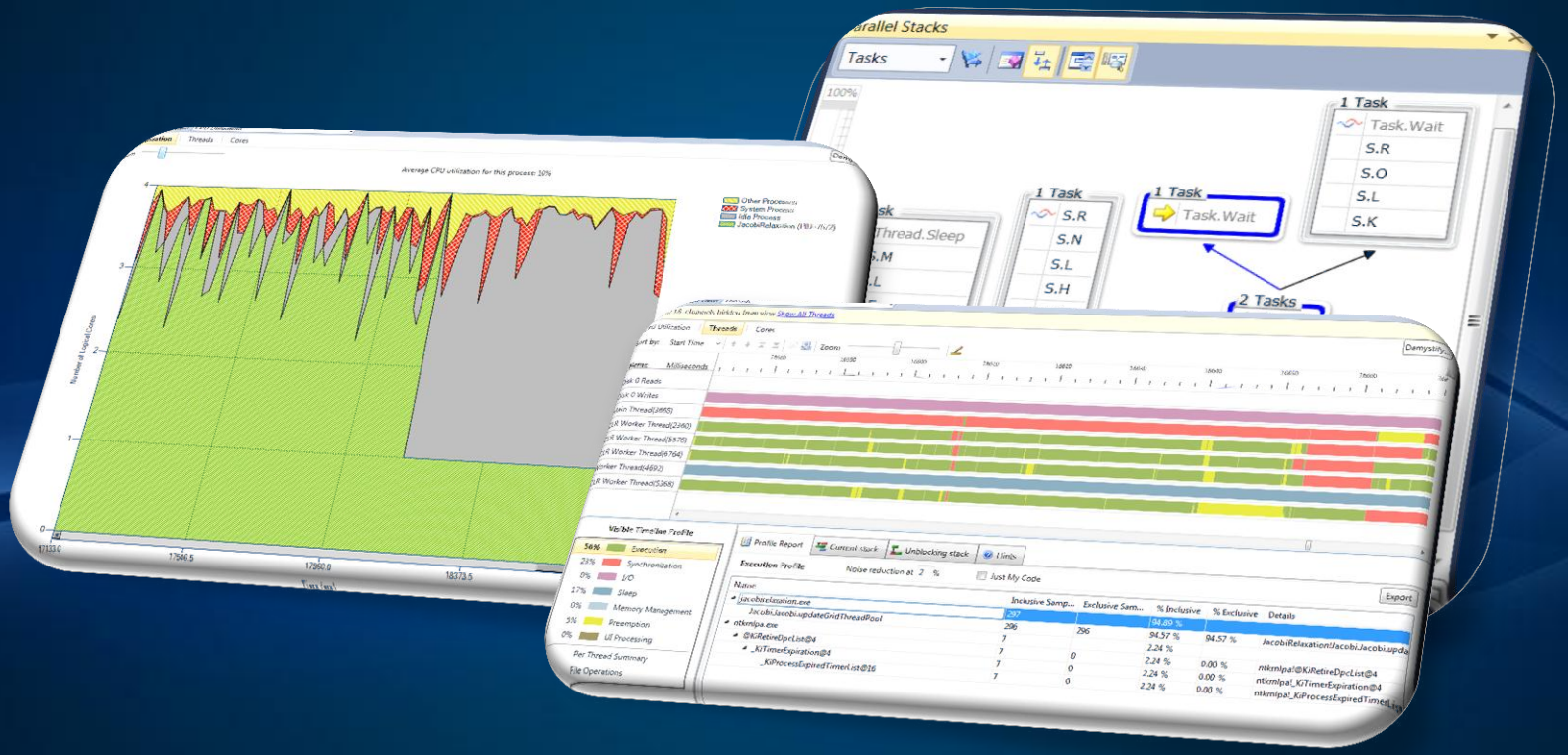
multiple node
distributed memory
on demand capacity

# Microsoft Technical Computing

Client

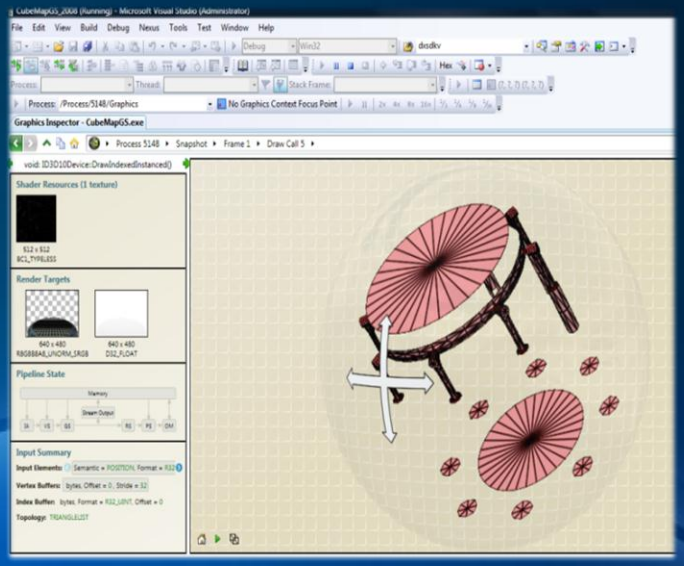
single node
shared memory

# Parallel Development on Windows

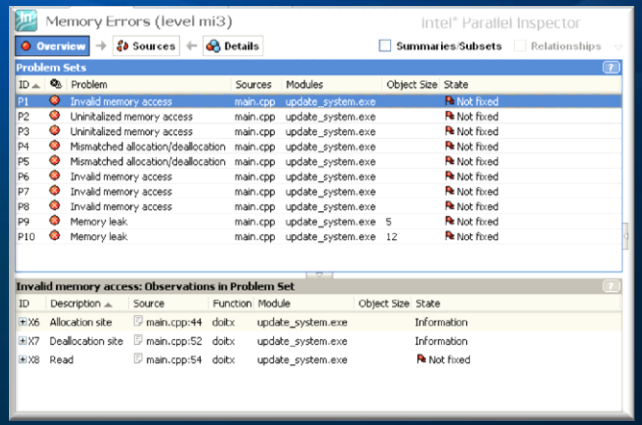



Microsoft® Visual Studio® 2010

# Parallel Development on Windows


**Graphics Inspector**

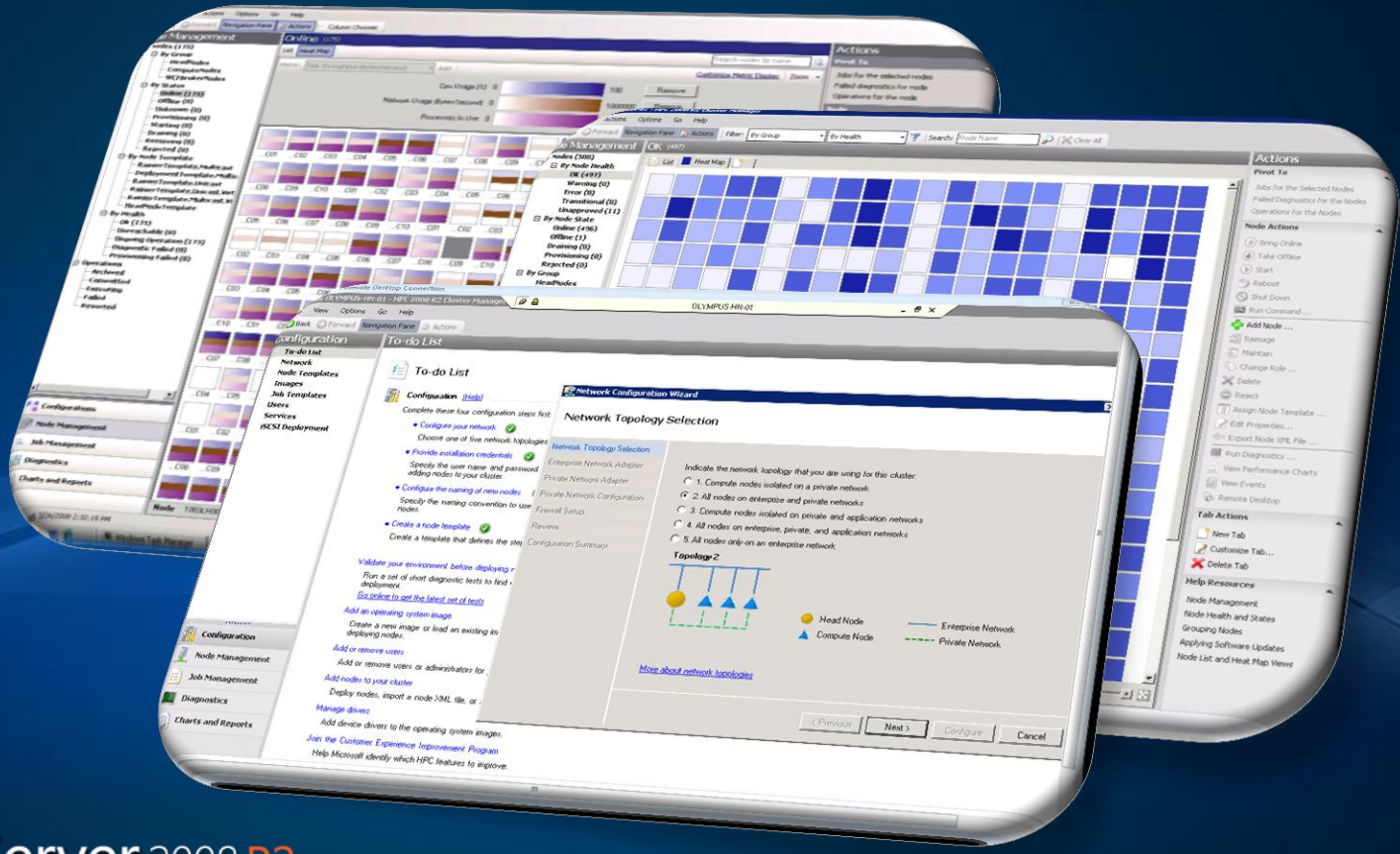

Microsoft® Visual Studio® 2010

Cluster

multiple nodes
distributed memory

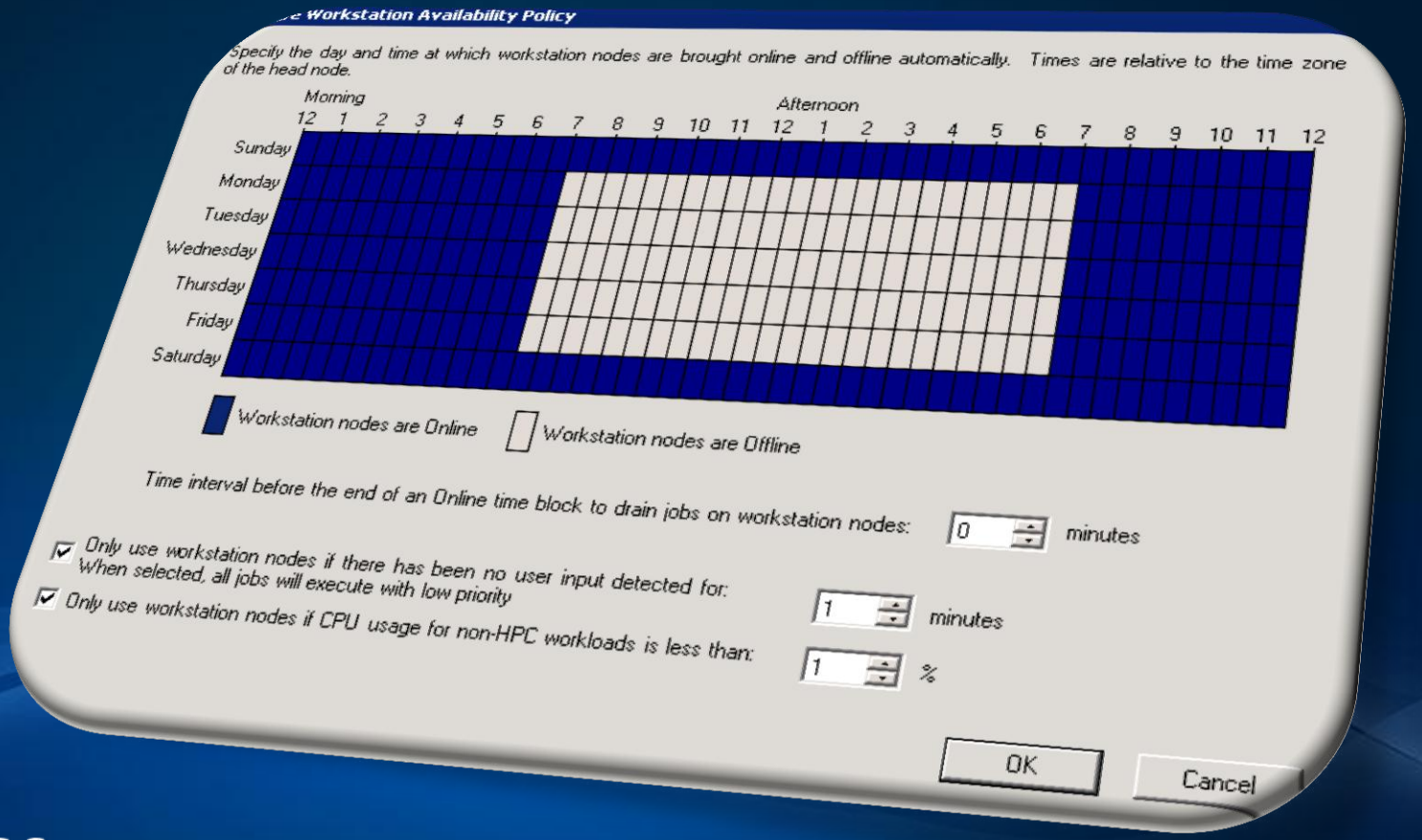
# Windows® HPC Server 2008 R2

***NOW AVAILABLE***




Windows HPC Server 2008 R2

World Class Performance.
Scale to thousands of nodes.
Easy to use with existing skills.




Windows HPC Server 2008 R2

# Desktop Compute Clouds: Harnessing Idle Cores

Expand the capacity of existing HPC clusters.
Utilize idle compute cycles as part of your overall HPC infrastructure.

Cloud

multiple node
distributed memory
on demand capacity

# Windows HPC and Cloud