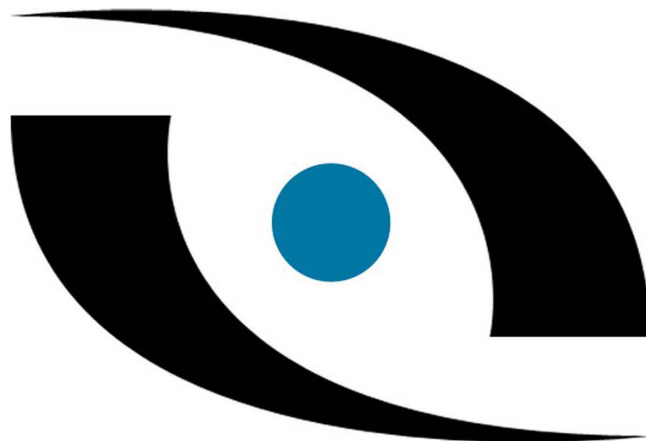# Ace Computers Announces HPC Clusters, Workstations with New Microsoft Operating Systems

Microsoft Gold Certified Partner Ace Computers announced that it is integrating the latest Microsoft operating systems into its HPC clusters and workstations.

CHICAGO, ILL., U.S., November 24, 2017 /EINPresswire.com/ -- Microsoft Gold Certified Partner Ace Computers just announced that it is integrating the latest Microsoft operating systems into its HPC clusters and workstations—most notably Windows Server 2016 and Windows 10 Pro Workstation Edition. Ace Computers CEO John Samborski said, "We have been working closely with Microsoft since 1983 to integrate MS operating systems into our industry-leading clusters and workstations. Although we offer a number of Microsoft operating systems, the most in demand are Windows Server 2016 and Windows 10 Pro Workstation Edition."

Windows Server 2016 offers a host of new features including:
• Active Directory Federation Services (ADFS): to authenticate users stored in non-AD directories.
• Windows Defender: Windows Server Antimalware installed and enabled.
• Remote Desktop Services: Support for OpenGL 4.4 and OpenCL 1.1.
• Storage Services: Central Storage QoS Policies; Storage Replicas.
• Failover Clustering: Cluster operating system rolling upgrade (Storage Replicas).
• Web Application Proxy: Pre-authentication for HTTP; HTTP to HTTPS redirection.
• IIS 10: Support for HTTP/2.

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• Windows PowerShell 5.1.
• Windows Server Containers.

Windows 10 Pro for Workstations maximizes every aspect of high-performance workstations--scaling up across a high number of logical processors and large amounts of memory. The architectural changes in the Windows kernel take full advantage of high-end processor families that package a large number of cores. Windows 10 Pro for workstations includes:
• ReFS (Resilient file system): ReFS provides cloud-grade resiliency for data on fault-tolerant storage spaces and manages very large volumes with ease.
• Persistent Memory: This provides the most demanding apps and data with the performance they require along with non-volatile memory module (NVDIMM-N) hardware.
• Faster File Sharing: This includes SMB Direct, which supports the use of network adapters that have Remote Direct Memory Access (RDMA) capability.
• Expanded Hardware Support: Microsoft is expanding hardware support. Users will now be able to run Windows 10 Pro for Workstations on devices with high performance configurations

"In addition to affording us preferred partner status, our long relationship with Microsoft gives us access to a level of MS expertise that most of our competitors do not have," Samborski said. "Microsoft trusts us to build hardware that maximizes the power of their operating systems."
For more information visit: http://acecomputers.com/microsoft.asp.
Leading custom computer builder and HPC cluster specialist, Ace Computers currently holds the following contracts: SEWP V, CCS-2, GSA, WSIPC, PEPPM, State of Wis., State of Ga. The company is a Woman-Owned Small Business custom technology systems manufacturer and reseller for the public sector as well as the commercial sector. In addition to Microsoft, channel partners include Intel, Supermicro, NVIDIA, Mellanox and Samsung among others. An industry leader since 1983, the company is a 2016 and 2017 HPCwire Readers' Choice Award finalist. In addition to some of the finest academic institutions in the U.S., long-term clients include the U.S. Department of Energy and the U.S. Department of Defense. In addition to its Greater Chicago headquarters, Ace Computers has locations in New Jersey, Florida, Virginia, Nevada and Arizona. To contact Ace Computers, call 1-877-223-2667 or 1-847-952-6900 or visit http://www.acecomputers.com/TopProducts.asp

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