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## Cyfronet to Deploy 1.7 Petaflop HP Apollo 8000 Supercomputer

 October 22, 2014 by [Rich Brueckner](#)  [Leave a Comment](#) 

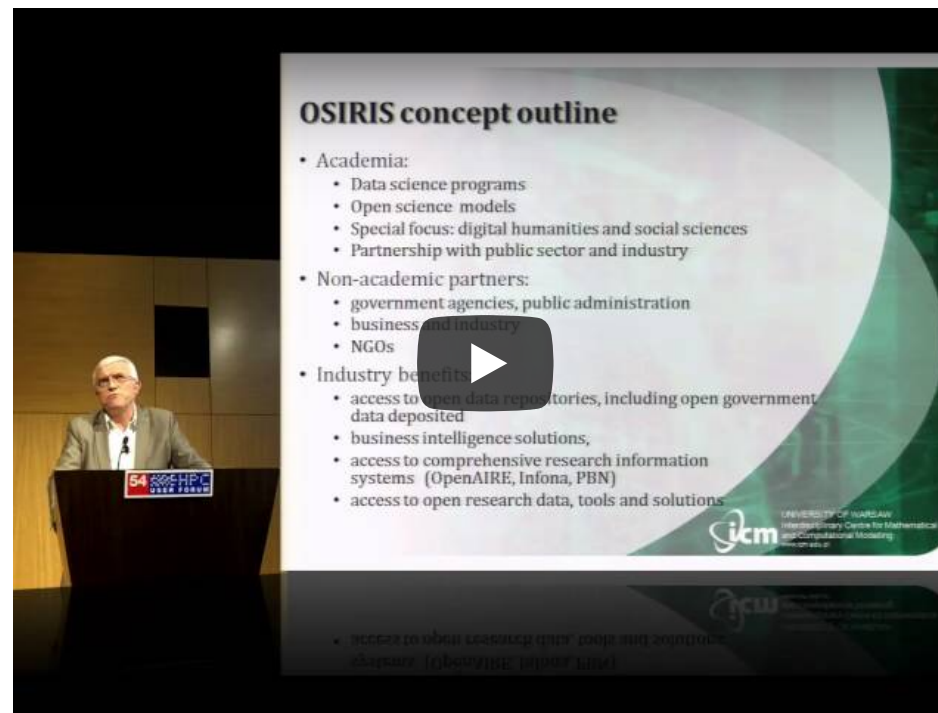
Poland's Cyfronet will soon deploy a new HP Apollo 8000 supercomputer. Named *Prometheus*, the 1.7 Petaflop supercomputer will be four times more powerful than its predecessor and one of the fastest systems in Europe.

With its innovative liquid-cooled design, Prometheus will be one of the most energy-efficient computers in its class, enabling extreme computing density with over 41,000 compute cores in just 15 racks.

**Prometheus specifications:**



- The most powerful supercomputer in Poland with a capacity of about 1.7 Petaflops, more than 4 times more from Zeus
- The world's largest computer installation of HP Apollo 8000
- 1728 servers
- 41,472 cores
- 216 terabytes DDR4 memory
- # 1 in Poland
- # 12 in Europe according to the current TOP500 list
- # 30 in the world according to the current TOP500 list



In this video from the 2014 [HPC User Forum](#) in Seattle, Marek Niezgódka from the [ICM/University of Warsaw](#) presents: *HPC in Poland*. [View the slides](#).

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