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Worldwide Defense High Performance Computing (HPC) Market Forecast 2010-2015

Market Research Media Ltd announces a new market report "Worldwide Defense High Performance Computing (HPC) Market Forecast 2010-2015".

SAN FRANCISCO, CA, October 19, 2009 **/24-7PressRelease/** -- Market Research Media Ltd announces a new market report [Worldwide Defense High Performance Computing \(HPC\) Market Forecast 2010-2015](#).

If one were to choose an index that best represents a national military capacity, the high performance computing power of a nation would win as most comprehensive measure. More and more countries view supercomputing technology as a symbol of national military power.

No modern war has been won without technological superiority. No future war will be won without it. The High Performance Computing (HPC) provides many capabilities and tools the military needs to address defense problems. HPC hardware and software can be used to address a wide spectrum of defense-related issues, including: protecting bases of operations through the mitigation of toxic threats; modeling to support certification of new aircraft-store combinations before deployment to conflicts zones; supporting air and space supremacy; conducting climate, weather, and ocean modeling that provides valuable information for countermining warfare; data mining and intelligence analysis, disaster modeling, preparation for emergency operations and humanitarian relief operations throughout the world. These are but a few examples.

The global defense high performance computing market is projected to increase from \$2.6 billion in 2010 to \$3.3 billion in 2015. The estimate for worldwide cumulative market 2010 - 2015 is \$18 billion, for a compound annual growth rate (CAGR) of 4.7% in the 6-year period.

The report covers the following market segments, products, technologies and services:

- * HPC Servers
- * HPC Software (Defense Applications)
- * HPC Data Center Infrastructure
- * HPC Network Equipment
- * HPC Storage
- * HPC Hardware & Software Services, Support and Maintenance
- * Top markets by geography
- * Governmental sector
- * Private sector

The report focuses on critical HPC applications in [defense market](#), like weapons technology, military communications, military simulation, operational weather and ocean forecasting; planning exercises related to analysis of the dispersion of airborne contaminants; cryptanalysis; military platform analysis; survivability/stealth design; intelligence/surveillance/reconnaissance systems; virtual manufacturing/failure analysis of large aircraft, ships, and structures; and biotechnology.

The report provides:

- * Worldwide six-year defense HPC market forecast for the period 2010-2015
- * Defense high performance computing market segments by infrastructure
- * Defense high performance computing market segments by application
- * National defense HPC market forecasts for the period 2010-2015 by countries.

How much do individual countries plan to spend on defense-related HPC between 2010 and 2015? Where are the major market growth opportunities in military HPC software and hardware over the next six years? How are emerging COTS solutions shaping the market? These critical questions and many more can be answered through our in-depth research, as

presented in this report - <http://www.marketresearchmedia.com/2009/10/15/defense-high-performance-computing-hpc-market-forecast-2010-2015>

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Market Research Media Ltd is the leading international provider of market research and intelligence for the governmental and business communities.

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