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## DARPA aims to develop 'Exascale' Supercomputer

Submitted by Faarooq Mehmood on Fri, 08/13/2010 - 20:23 **Technology Sector United States Featured TNM**

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The US Defence Advanced Research Projects Agency (DARPA) has offered a \$100 million to IT biggies in order to develop the latest breed of supercomputer.

This supposedly comes as a part of the Ubiquitous High Performance Computing (UHPC) program, aimed at offering the desired results by 2018.

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A statement from UHPC program asserts the objective which is "to create an innovative, revolutionary new generation of computing systems that overcomes the limitations of current evolutionary approach".

BBC News names a few associates of the group such as Intel, Nvidia, the [Massachusetts Institute of Technology](#) Computer Science, Artificial Intelligence Laboratory, Sandia National Laboratory, and the [Georgia Institute of Technology](#) have been offered the task to develop the 'exascale' supercomputer which will perform a quintillion calculations per second.

This supercomputer is developed to surpass the limitations faced by the existing ones and at the same time it will help in analysis and storage of the data by the US military.

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