

## Numenta Releases Windows Version of NuPIC

MENLO PARK, CA—August 29, 2007— Numenta today announced the availability of the Windows version of NuPIC (Numenta Platform for Intelligent Computing). NuPIC is a computing platform based on a theory of the neocortex. With this release, NuPIC now runs on Windows, Linux, and Mac OS X.

Numenta also welcomes the availability of the first third-party developer tools for NuPIC. A startup company called Vitamin D today announced that it will begin shipping a visual analysis tool for NuPIC this fall.

“Since the first release of NuPIC five months ago, we have enjoyed considerable interest from the developer community,” said Numenta founder Jeff Hawkins. “Our new Windows version of NuPIC addresses the number one request from developers, and enables a new group of developers to begin experimenting with our platform. We are also pleased to have [Vitamin D](#) partnering with Numenta by creating powerful graphical design tools that run on NuPIC. Better analysis tools are our second most requested feature.”

Numenta’s software platform implements a type of memory architecture called Hierarchical Temporal Memory (HTM), which is modeled after the hierarchically organized neocortex. In brief, HTMs build models of the world from exposure to sensory data. These models capture both the spatial and temporal hierarchy of causes in the world and offer the promise of solving many difficult problems in machine learning, machine vision, and data mining. White papers on the theory and the technology, along with training materials for the NuPIC platform, are available at [www.numenta.com](http://www.numenta.com).

### NuPIC for Windows

The Windows version of NuPIC (Version 1.3) allows a Windows user to run all NuPIC examples and build HTM applications. The release includes support for running HTMs on multi-core Windows computers. In addition, NuPIC Version 1.3 contains platform improvements, such as enhanced support for image-recognition tasks, inclusion of the powerful matplotlib plotting library, incremental algorithm enhancements, and a new example.

NuPIC Version 1.3 may be downloaded from the Numenta website, [www.numenta.com](http://www.numenta.com).

NuPIC is available at no charge under a research license to encourage developers to experiment with HTM technology and apply it to new problems. In addition, Numenta offers the Numenta Partner Program, a fee-based support program in which participants receive a high level of consulting and technical support.

### About Numenta

Numenta was founded in 2005 by computer industry veterans Jeff Hawkins and Donna Dubinsky (founders of Palm Computing and Handspring), along with Stanford graduate student Dileep George. The Company has developed the Numenta Platform for Intelligent Computing (NuPIC), a next-generation computing platform based on the theory of the neocortex first described in Hawkins 2004 book *On Intelligence*. Numenta is based in Menlo Park, California.

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