



CMU is home to a \$27.5 million project to build cloud computing solutions



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MENU



[Carnegie Mellon University](#) will head a \$27.5 million program to build a smarter solution for edge devices — like a router or larger access point to a network — to operate on the cloud.

The CONIX Research Center, headquartered on CMU's Oakland campus, will host researchers from six different universities for the next five years to solve this connectivity problem.

They'll create new architecture for networked computing that will empower Internet of Things applications in a robust, secure manner on the cloud.

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The Center, short for “Computing on Network Infrastructure for Pervasive Perception, Cognition and Action,” will be headed by Anthony Rowe, associate professor of electrical and computer engineering.

"Large systems that are centralized tend to struggle in terms of scale and have trouble reacting quickly outside of data centers," Mr. Rowe said in a release.

The Center will study machine-learning techniques that are often used in cloud computing, to improve performance and defend against cyberattacks, among other applications.

CONIX is funded by the Semiconductor Research Corporation and the Defense Advanced Research Projects Agency.

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Anthony Rowe: The CONIX research center



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