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Dispersive Technologies Unveils Cybersecurity Software to Protect Data-At-Rest

April 20, 2015, Alpharetta, GA --- Dispersive Technologies, Inc. (www.dispersivetechologies.com), a leading innovator in software-defined solutions for IP-based networks, announces Dispersive™ SDS, a new software-defined storage platform that radically improves the security of data-at-rest.

The announcement was made at the RSA Conference in San Francisco.

Dispersive™ SDS works seamlessly with Dispersive™ Virtualized Networks, Dispersive Technologies' software-defined virtualized routing platform that delivers the speed, security and reliability needed for mission critical communications over standards-based IP networks. Together, they power Dispersive Technologies' solutions to protect data-at-rest *and* data-in-motion.

Dispersive™ SDS secures data-at-rest by:

1. Dividing data into blocks as small as one kilobyte
2. Sending each block to different storage devices selected from a geographically disparate and virtualized pool of available devices
3. Shuffling the locations of these blocks dynamically based on:
 - a. Access frequency
 - b. Bandwidth availability
 - c. I/O performance
 - d. Time stored
 - e. Other factors important to the customer
4. Reassembling the data at the client when queried or recalled

"We've seen time and time again that merely encrypting stored data inadequately protects it against hacking," said Robert W. Twitchell, Jr., President and CEO of Dispersive Technologies. "Unlike other approaches to data security, we're actually designing solutions to protect against today's cyber threats, not yesterday's – and we're doing it completely in software. This means you can store these disparate blocks using any combination of commodity storage devices, including flash drives, flash memory, hard disk drives and networked file servers, across any combination of geographic locations.

Dispersive™ SDS introduces a whole new complexity axis to the hacker's collection problem, one that means even if a hacker breaches your first level of defense, the compromised data is only a piece of the puzzle. Without the other pieces, the data is useless."

By dividing data into smaller blocks, spreading these blocks across a virtualized pool of available storage devices and then dynamically shuffling the location of these blocks, Dispersive Technologies takes data security to a whole new level; offering a holistic security approach that protects both parts of the data equation.

"It really doesn't do much good to protect stored data if a man-in-the-middle can eavesdrop and capture it during transmission," notes Twitchell. "We protect data-in-motion with Dispersive™ Virtualize Networks and data-at-rest with Dispersive™ SDS. The combined solution is one with a significantly lower probability of data intercept and a minimized risk of information theft."

Dispersive™ Storage, the company's first solution based on the Dispersive™ SDS platform, will be available in the U.S. market as a cloud-hosted data storage solution in late 2015.

Dispersive Technologies will be exhibiting at the 2015 RSA Conference <http://www.rsaconference.com> April 20-24 at Booth 2720 in the South Exhibit Hall. For more information about Dispersive Technologies and their innovative solutions, visit www.dispersivetechologies.com.

About Dispersive Technologies

Dispersive Technologies delivers software-defined solutions that virtualize routing and data storage for IP-based networks. Their virtualized routing platform delivers data with speed, security and reliability – and does it across standards-based IP networks. Their software-defined storage solution securely stores at-rest data and moves it dynamically within the virtualized environment. When recalled or queried, data delivery is quick, secure and reliable. Together, these platforms improve software-defined networking and offer a holistic approach that protects both parts of the data equation. By streamlining and securing communications and data flow, Dispersive Technologies' solutions allow organizations to perform more efficiently and reduce costs. To learn more, visit us at: www.dispersivetechologies.com.