Increasing security concerns around the globe are driving demand for high definition video surveillance solutions and longer retention of videos. Higher number of camera feeds, migration from analog to IP, high resolution cameras, and video analytics all lead to exponential growth in networked video surveillance data, and increasing challenges for the storage administrator to keep up with data growth.

With traditional solutions it is difficult to get fast online access to archived video; while manually managing complex tape solutions results in higher costs and longer time to restore critical surveillance data.

**NEC's HYDRAstor - Certified Milestone Partner for Active Archive Storage**

Milestone Systems is a global leader in providing open platform IP video surveillance software. Milestone has an easy-to-use, powerful video management software, used in more than 100,000 installations worldwide. Milestone XProtect® is an open architecture video management system (VMS) compatible with more IP cameras, encoders, and digital video recorders than any other manufacturer.
NEC provides server and storage infrastructure for running XProtect on NEC servers and storing archived video on HYDRAstor that is all Milestone System’s certified. NEC’s solution will allow you to start small and scale up by adding incremental storage space with a scalable grid architecture. Milestone certification for NEC HYDRAstor ensures our integrated solution delivers high performance, faster data access, near infinite scalability and rock solid reliability.

**Solution Overview**

The Archive Database is the long term storage location for Milestone XProtect, and the majority of video data resides in the Archive location. Video streams generated by security cameras are recorded first to the Live Database on the NEC M series SAN Disk via the XProtect Recording Server, and are later archived to NEC HYDRAstor via 10G or 1G Ethernet.

HYDRAstor ensures long term retention and advanced protection of the Milestone XProtect Archive DB while providing scalable performance. HYDRAstor caters to rapid growing storage requirement of high resolution IP based cameras, larger camera counts and longer retention period with flexible grid architecture that can provide near infinite storage by adding new HYDRAstor nodes to the existing grid, it also supports 3 generations of nodes in a single storage system which means there is zero data migration requirement and forever retention for the surveillance data.

---

**Contact info**

For more information about NEC or HYDRAstor, contact info@necam.com or visit https://www.necam.com/HYDRAstor/.

For more information about Milestone, visit https://www.milestonesys.com/contact-milestone/.

---

About NEC Corporation of America: Headquartered in Irving, Texas, NEC Corporation of America is a leading technology integrator providing solutions that improve the way people work and communicate. NEC delivers integrated Solutions for Society that are aligned with our customers’ priorities to create new value for people, businesses and society, with a special focus on safety, security and efficiency. We deliver one of the industry’s strongest and most innovative portfolios of communications, analytics, security, biometrics and technology solutions that unleash customers’ productivity potential. Through these solutions, NEC combines its best-in-class solutions and technology, and leverages a robust partner ecosystem to solve today’s most complex business problems. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with a presence in 160 countries and $25 billion in revenues. For more information, visit necam.com.