



MIRASYS



Solution: [Click here for a diagram of the Mirasys and Pivot3 solution.](#)

Overview: Pivot3 Serverless Computing® replaces physical servers with virtual servers embedded in storage appliances to save cost, power, cooling, and rack space. Running **Mirasys's NVR** software on the Pivot3 Serverless Computing platform typically generates cost savings of 22% while operational costs attributable to power, cooling and data center build-out are reduced up to 40%. Pivot3 solutions improve field reliability by supporting application failover, and provide 30-minute disk rebuild times, dynamic capacity expansion and advanced RAID 6e protection.

Capabilities: The Pivot3 Serverless Computing array is an open systems hardware platform that provides both storage and server resources in a single array. Up to 12 virtual servers can be configured allowing for up to 288TB of shared storage. In the case of a Pivot3 CloudBank™ appliance failure, **Mirasys NVR** software will automatically start up on another unit. Reliable failover prevents loss of data and provides access to previously recorded video.

Mirasys

Products: [NVR Pro](#) (entry-level) and **NVR Enterprise** (comprehensive) software packages are fully open and resolution independent platforms that are easy to connect to other systems in the IP and video surveillance markets.

Pivot3

Products: [Cloudbank™](#) and [MiniBank™](#) appliances are the hardware platform for the Serverless Computing product line. Each CloudBank™ includes additional CPU, RAM, and network resources and can simultaneously run NVR applications that have access to the complete underlying High-Definition Storage SAN.

[DataBank™](#) appliances are the hardware platform for the High-Definition Storage product line. Each DataBank contributes storage capacity, hardware RAID controllers, RAM and shared bandwidth to the expandable array.

Both product lines leverage Pivot3's innovative RAIGE™ Architecture to cluster powerful x86 appliances into a single managed logical platform using iSCSI. The RAIGE (Redundant Array In Gigabit Ethernet) software introduces an intuitive appliance approach as it manages data distribution across the appliances to provide scalable availability, performance and capacity.

Integration: **Mirasys NVR** software is loaded on one or more Pivot3 appliances which include Windows Server 2003. Pivot3 sales engineering is available for configuration and installation assistance.

Technical Info: [Diagram of Mirasys and Pivot3 solution](#)
[Mirasys Product Overview](#)
[Pivot3 Product Overview](#)

Mirasys

Markets: Law Enforcement, Banks, Retail Outlets and Petrol Stations, Education, Healthcare, Corporate Surveillance, Logistics Centers, Manufacturing, Museums and places of historical importance

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