



**Solution:** [Click here for diagram of Acuity 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 the **Acuity Sentinel©** 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, **Sentinel** software will automatically start up on another unit. Reliable failover prevents loss of data and provides access to previously recorded video.

#### Acuity

**Products:** [Sentinel Command and Control](#) is an intelligent IP/hybrid security surveillance and business intelligence platform. **Sentinel** core components: Video Management System, Video Analytics, Intelligent Event Searching and Reporting, Visual Surveillance Workstation.

#### 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:** **Sentinel Command and Control** software on Linux is loaded on one or more Pivot3 appliances (which also include Windows Server 2003). Pivot3 sales engineering is available for configuration and installation assistance.

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

[Pivot3 Product Overview](#)

**Acuity**

**Markets:** Homeland Security, Critical Infrastructure, Transportation, Offshore & Waterways, Utilities, Industrial, Healthcare, Military, Education, Retail, Marketing-Campaign Effectiveness

**Acuity:** For assistance or more information, please visit [www.acuitysystem.com](http://www.acuitysystem.com)

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