SOFTWARE HOUSE

From Tyco Security Products

Stratus Fault Tolerant Solutions for C•CURE

Availability — Primary — Secondary

everRun®

Features That Make a Difference:

- Fault tolerant platform adds around-the-clock access control protection

- Scalable system grows with changing business requirements

- Server failure has no impact on operation of system, ensuring clients continue to operate while failure is being resolved

- Automated system requires minimal IT staff to operate

- Zero downtime ensures no data loss while a system is offline

- Significantly reduces costs and operational risks caused by server failure

- Alerts including email messages to authorized personnel of any actual or potential system failure

- Compatible with C•CURE 9000 and C•CURE 800/8000

When systems are down, security monitoring operations stop and this can have a huge impact on a company's employees and assets. Sometimes data can be lost – forever. Stratus Technologies' everRun® fault tolerant redundancy solutions deliver a robust and reliable fault tolerant solution to growing businesses that require limited or zero downtime depending on the model. Stratus Technologies' everRun Enterprise and Express, and SplitSite provide a high-availability, fault tolerant business continuity solution for C•CURE 9000 and C•CURE 800/8000 systems.

Stratus' everRun fault tolerant redundancy platforms offer additional reliability to the industry - leading reliability of C•CURE access control systems. While some redundancy platforms run on a recovery-based model in the event of failures, everRun platforms utilize a new preventative-based model which allows organizations to continue to compute through failures. everRun Snapshots provide information rollback of the C•CURE database at a single point in time to assist with the recovery of data loss or system corruption.

everRun Enterprise and Express

everRun Enterprise and Express utilize patented technology, combining the physical resources of two standard Windows servers into a single, unified operating environment. This provides complete redundancy of all underlying data and hardware. By keeping the operating environment in the single, unified system you are able to keep applications up and running in the event of a system or component failure.
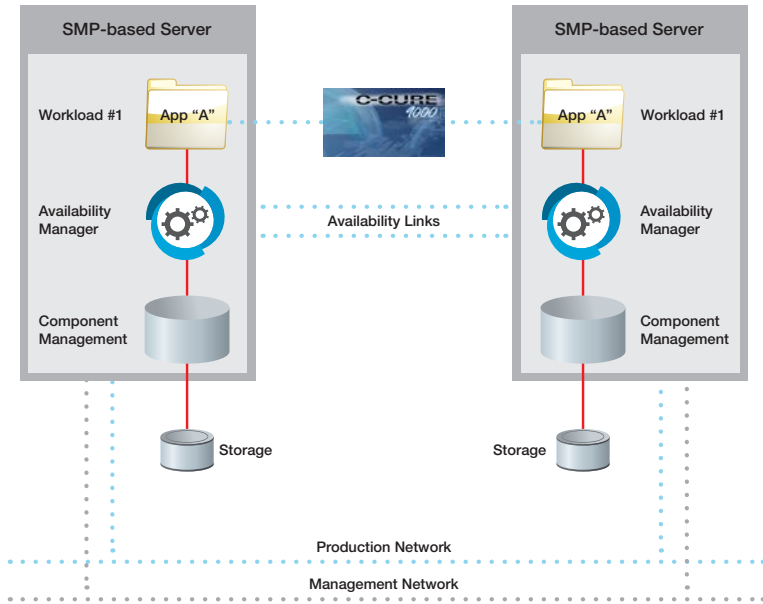
everRun Enterprise provides a full, level-3 fault tolerant system with no restarts for continuous operation. everRun Express provides a component, level-2 fault tolerant system with failover restart in seconds to minutes for minimal downtime.

everRun is the first software-based, fault tolerant solution that supports symmetric multiprocessing and multi-core environments, allowing businesses to have an affordable, continuous security solution during component system failures.
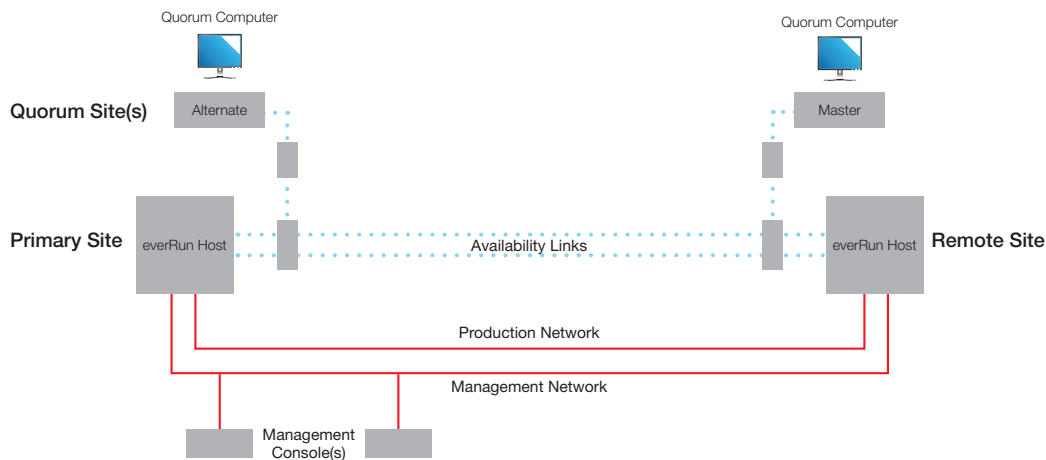
everRun SplitSite

everRun SplitSite delivers fault tolerance between systems located in a campus type of environment. Utilizing a LAN, everRun SplitSite links geographically separated systems with the same core capabilities of everRun software. If a system is down in one location, C•CURE will remain available and fully operational at the other location. Businesses that are in heavily-regulated industries such as pharmaceutical, manufacturing, and financial services rely on SplitSite to ensure that all of their data is replicated and remains available in the case of a system failure at one location.

everRun Diagram

SMP-based Server		SMP-based Server
Workload #1 — App "A"	C·CURE 1000	App "A" — Workload #1
Availability Manager	Availability Links	Availability Manager
Component Management		Component Management
Storage	Production Network	Storage
	Management Network	

everRun SplitSite Diagram

Quorum Computer — Quorum Computer

Quorum Site(s) — Alternate — Master

Primary Site — everRun Host — Availability Links — everRun Host — Remote Site

Production Network

Management Network

Management Console(s)

Notes:
- Only one Management Console needed
- Quorum computer required to be in third location (not primary or remote site)
- Multiple Production networks are supported

Related Products

C•CURE 9000   C•CURE 800/8000