MCDI SECURITHOR

Live Backup Module — Business Continuity Solution

TECHNICAL DATASHEET
REF: ST-LIVEBACKUP

Product Overview

MCDI Securithor Live Backup ensures continuous operational uptime for monitoring stations through real-time data replication. Designed to protect mission-critical subscriber databases and event logs, it significantly minimizes downtime and prevents financial loss caused by hardware failures, network outages, or unforeseen disasters.

TECHNICAL SPECIFICATIONS

Parameter	Specification Details
Developer / Manufacturer	MCDI Security Products Inc.
Module Name	Securithor Live Backup
Replication Mode	Real-time continuous sync / Scheduled Delta Backups
Target Environment	Secondary On-Premises Server / Network Storage (NAS/SAN) / Offsite Cloud
Database Compatibility	Microsoft SQL Server / PostgreSQL (Securithor Engine)
Data Encapsulation	Encrypted transport protocol for secure offsite data synchronization
Recovery Point Objective (RPO)	Near-zero data loss (instantaneous database change tracking)
Supported Operating Systems	Windows 10, Windows 11, Windows Server (64-bit)

KEY FEATURES & OPERATIONAL BENEFITS

- **Continuous Operational Uptime:** Ensures seamless failover capabilities to keep monitoring operations active during primary server outages.
- **Zero Data Loss Protection:** Replicates incoming signals, operator notes, status updates, and subscriber modifications in real time.
- **Disaster Recovery & Failover:** Provides automated or rapid manual switching to a backup database server in critical failure scenarios.
- **Reduced Technical Downtime:** Protects against hardware crashes, database corruption, ransomware incidents, and power failures.
- **Background Overhead Efficiency:** Operates silently in the background without affecting main Securithor server processing speed or operator responsiveness.

SYSTEM REQUIREMENTS

Component	Recommended Requirement
Main Application	MCDI Securithor (ST1 / Network Editions) with valid license
Backup Target Server	Dedicated workstation or server meeting standard Securithor specifications
Network Connection	Dedicated LAN connection (1 Gbps) or secure VPN link for offsite remote backup
Storage Capacity	Secondary SSD drive with matching capacity to primary database storage