

## An EMC Select Partner Overview

### ESSENTIALS

#### Partner products

- Axxana Phoenix System RP

#### EMC products

- EMC CLARiiON CX3/CX4, Vblock 0/1
- EMC RecoverPoint

#### Solution highlights

- Protection—synchronous replication (zero data loss) over asynchronous infrastructure
- Continuity—data protection when WAN link fails
- Value—significant cost savings over traditional synchronous mirroring alternatives
- Recovery—data protection and data retrieval for a wide variety of disaster scenarios over any distance
- No latency issues

### NEXT-GENERATION DISASTER RECOVERY: SYNCHRONOUS BENEFITS AT ASYNCHRONOUS COST

Axxana's disaster recovery solution sets a new standard for data protection. Axxana's Phoenix System® RP provides a synchronous replication solution that utilizes existing asynchronous infrastructure. The Phoenix System RP enables replication of more data without the need to increase communication link bandwidth. The system improves the level of compliance for the committed lag, even during low bandwidth or high load periods. The Phoenix System RP also provides data protection during link failure and increases replication uptime, even while experiencing communication failures between primary and disaster recovery sites.

Axxana's Phoenix System RP with EMC RecoverPoint for EMC® CLARiiON® CX3/CX4 and VBlock 0/1 brings zero data loss disaster recovery performance over asynchronous replication infrastructure; it protects against WAN link failure and provides synchronous replication benefits at asynchronous prices. Developed in cooperation with EMC, the Axxana Phoenix System RP enables enterprises to protect and recover 100 percent of their data in the event of a disaster.

This sturdy and robust disaster-proof storage protection system is capable of withstanding extreme conditions and surviving any type of disaster without losing data. Phoenix System RP combines concepts used in aviation flight data recorders (black box) with newly developed technologies called Enterprise Data Recorder (EDR) to deliver a cost-effective, zero data loss solution that complements RecoverPoint's asynchronous replication.

The Axxana Phoenix System RP consists of the following components:

- **Axxana Phoenix System RP Black Box:** installed at the primary site and designed to withstand a wide variety of extreme conditions that may occur during a disaster
- **Axxana Phoenix System RP Collector:** installed at the primary site; processes data collected from the RecoverPoint system at the primary site, encrypts it, and stores it synchronously onto a solid state drive (SSD) in the Axxana Phoenix System Black Box
- **Axxana Phoenix System RP Recoverer:** installed at the secondary site; handles the data recovery process
- **Axxana Phoenix System RP Management Tool:** runs from anywhere; this management tool enables detailed, standards-based system monitoring and management while providing operational statistics and black box status details

### AXXANA PHOENIX SYSTEM WITH EMC RECOVERPOINT

Axxana's Phoenix RP protects at-risk, unreplicated, and in-transit information between replication cycles. In the event of a WAN failure or a data center disaster, the Phoenix System continues to protect production data inside of the black box until the decision to fail over is made. The protected information is then conveyed from the black box via cable or wirelessly to the backup data center where it is reintegrated with RecoverPoint's asynchronous copy to recreate an exact, synchronous copy of what was in the primary data center at the time of the disaster.



Phoenix's deep integration with RecoverPoint makes recovery an easy process. A simple configuration procedure specifies which consistency groups (CGs) protected by the RecoverPoint agent are to be protected by the Axxana Phoenix System RP.

## ABOUT AXXANA

Axxana introduces the black box for data centers (with EDR technology), an ingenious solution that addresses the number one challenge in data protection—recovering data over any distance with zero data loss. Developed in conjunction with EMC and available directly from Axxana or through EMC Select, Axxana offers the Phoenix System RP for EMC CLARiiON storage arrays to provide an affordable disaster recovery solution that enables customers to enjoy the full benefits of synchronous replication using asynchronous infrastructure.

## ABOUT EMC

EMC Corporation is the world's leading developer and provider of information infrastructure technology and solutions that enable organizations of all sizes to transform the way they compete and create value from their information. Information about EMC's products and services can be found at [www.EMC.com](http://www.EMC.com).

## CONTACT US

For more information on how EMC and Axxana products work together to optimize your business transactions, contact your EMC or Axxana representative or visit the websites at [www.EMC.com](http://www.EMC.com) or [www.axxana.com](http://www.axxana.com).

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