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ZAIN

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SUCCESS STORIES I ZAIN
WITH INTRASOFT &
DELL EMC
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INTRODUCTION

Intrasoft and Dell EMC have worked closely with Zain Jordan to revolutionize its backup and recovery landscape, as well as modernize the telecommunication company's data storage capabilities.

▷▷▷ **This has resulted in the delivery of:**

Unparalleled Performance

Unmatched Data Protection
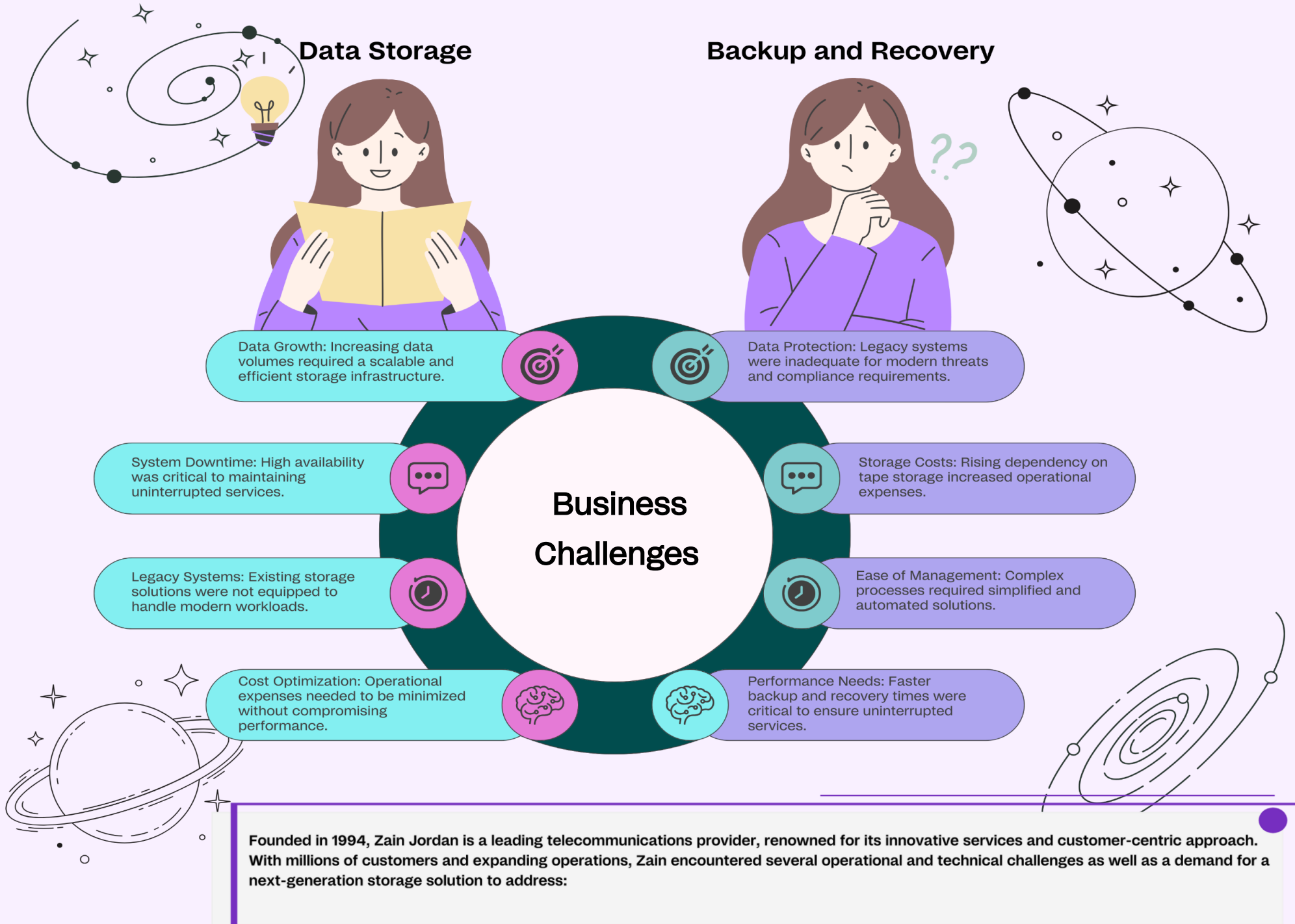
Reliability

Scalability

These transformations has empowered Zain's stance, as it leads the telecommunication sector as a technological leader with cutting-edge technology and robust disaster recovery capabilities.

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Data Storage

Backup and Recovery

Business Challenges

Data Growth: Increasing data volumes required a scalable and efficient storage infrastructure.

Data Protection: Legacy systems were inadequate for modern threats and compliance requirements.

System Downtime: High availability was critical to maintaining uninterrupted services.

Storage Costs: Rising dependency on tape storage increased operational expenses.

Legacy Systems: Existing storage solutions were not equipped to handle modern workloads.

Ease of Management: Complex processes required simplified and automated solutions.

Cost Optimization: Operational expenses needed to be minimized without compromising performance.

Performance Needs: Faster backup and recovery times were critical to ensure uninterrupted services.

Founded in 1994, Zain Jordan is a leading telecommunications provider, renowned for its innovative services and customer-centric approach. With millions of customers and expanding operations, Zain encountered several operational and technical challenges as well as a demand for a next-generation storage solution to address:

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Why Intrasoft & Dell EMC?

Zain selected Netcompany-Intrasoft and Dell EMC for their expertise in data protection solutions and their ability to deliver:

Backup & Recovery

Proven Experience

Intrasoft's history of successful implementations in the region inspired confidence.

Leading Technology

Dell EMC Data Domain and Data Protection Suite offered advanced capabilities tailored to Zain's needs.

Comprehensive Support

The partnership provided end-to-end services from deployment to maintenance.

Data Storage

Expert IT Modernization

Intrasoft's proven expertise ensured a seamless transition to new systems.

Cutting-Edge Technology

Dell EMC PowerMax 2000 provided unmatched performance and scalability.

Comprehensive Support

End-to-end services from planning to implementation and maintenance.

SOLUTIONS DEPLOYED

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Data Storage

Zain implemented two Dell EMC PowerMax 2000 storage systems:

Main Site: Equipped with 108TB raw capacity, NVMe technology, and advanced data efficiency features.

Disaster Recovery Site: Mirrored setup ensuring seamless business continuity with synchronous and asynchronous replication capabilities.

Back up & Recovery:

The transformation Zain had to undergo involved the implementation of:

Dell EMC Data Domain Systems: Disk-based storage with deduplication for cost efficiency and enhanced data protection.

Dell EMC Data Protection Suite: Features Avamar for virtualized backups and Data Protection Advisor for monitoring and analytics.

Cloud Integration: Support for cloud storage and disaster recovery.

DATA STORAGE

End-to-End NVMe: High-performance storage protocol for low-latency and high-throughput operations.

Built-in Machine Learning: Automated data placement optimized for diverse workloads.

Data Protection: Advanced tools like SRDF for replication and SnapVX for snapshots.

Cloud Integration: Support for hybrid cloud strategies with Cloud Mobility.

Scalability: Modular architecture allowing future expansion without disruption.

BACKUP & RECOVERY

Deduplication Efficiency: Up to 30x data reduction, minimizing storage requirements.

Encryption: Ensures secure data both at rest and in transit.

High Availability: 99.9999% uptime for reliable operations.

Results

Backup & Recovery

Enhanced Security
Advanced encryption safeguarded sensitive customer data.

Operational Savings
Reduced reliance on tape storage minimized costs.

Faster Recovery
Significantly reduced recovery times ensured minimal service interruptions.

Simplified Management
Centralized tools streamlined processes and improved oversight.

Data Storage

Enhanced Performance
Achieved up to 2.7 million IOPS, supporting latency-sensitive applications.

Operational Efficiency
Inline deduplication and compression reduced storage footprint, minimizing costs.
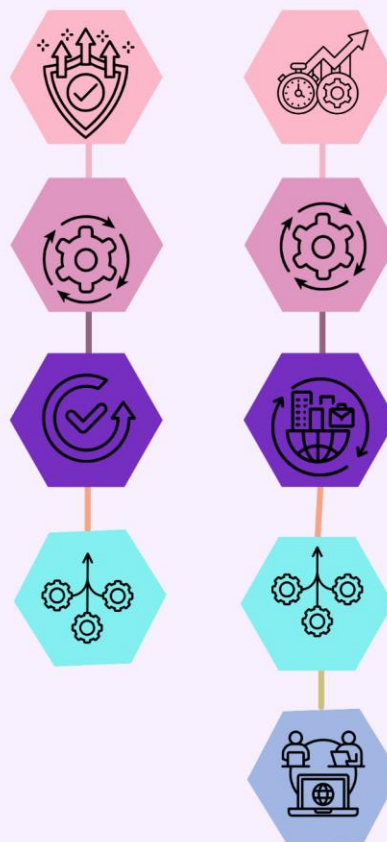
Business Continuity
Six-nines availability and robust disaster recovery systems ensured uninterrupted services.

Simplified Management
Centralized tools like Unisphere improved system oversight and reduced administrative efforts.

Future-Ready Platform
Scalable infrastructure ready to support Zain's growth and innovation.

Key Takeaways

Back up & Recovery

Improved Data Protection: Advanced tools minimized risks from data breaches and system failures.

Cost Efficiency: Optimized storage solutions reduced overall expenses.

Future-Ready Infrastructure: Scalable solutions prepared Zain for future growth and challenges.

Data Storage

Modernized Infrastructure: Transformed data centers with advanced storage and disaster recovery capabilities.

Cost Optimization: Reduced operational expenses through efficient storage utilization.

Business Resilience: Enhanced reliability and security to protect mission-critical data.

Scalable Growth: Infrastructure designed to meet future demands and market expansion.