SecureAgent VTL

Tom Laudati   **John Sawyer**
Blue Hill Data Services   SecureAgent

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Agenda

- **Who is SecureAgent?**

- **SecureAgent VTL**

- **Who is Blue Hill?**

- **A VTL for Blue Hill's Complex Environment**

- **Benefits of VTL Technology**

Who is SecureAgent?

SecureAgent®
Software
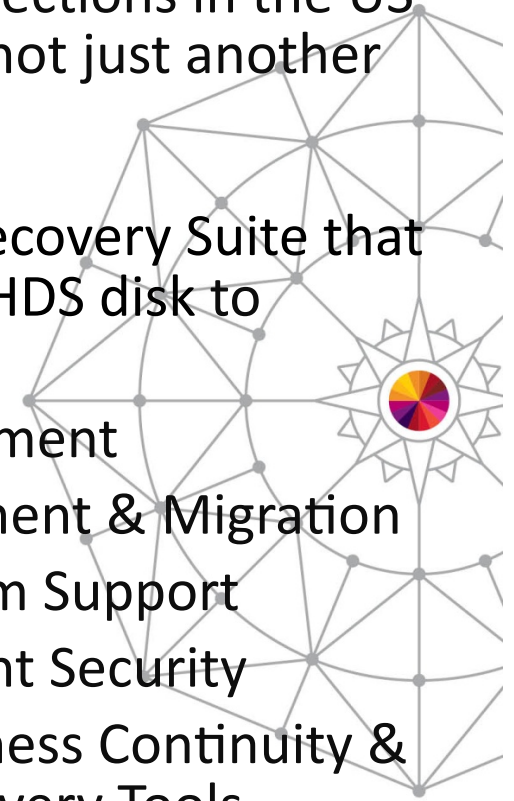Secure Enterprise Solutions

- Privately Held

- More than 25 years experience in the Industry

- Offices in Zurich, Stuttgart, New York, Tulsa, and FL.

- Test Facilities in Oklahoma, Pennsylvania, and Zurich
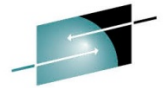
- Fortune 500 Customer Base

SecureAgent products and VTL enjoy patent protections in the US and Europe. It's not just another VTL.

It's a Managed Recovery Suite that uses VTL(s) with HDS disk to provide:

- Tape Replacement
- VTL Replacement & Migration
- Multi-Platform Support
- FIPS Compliant Security
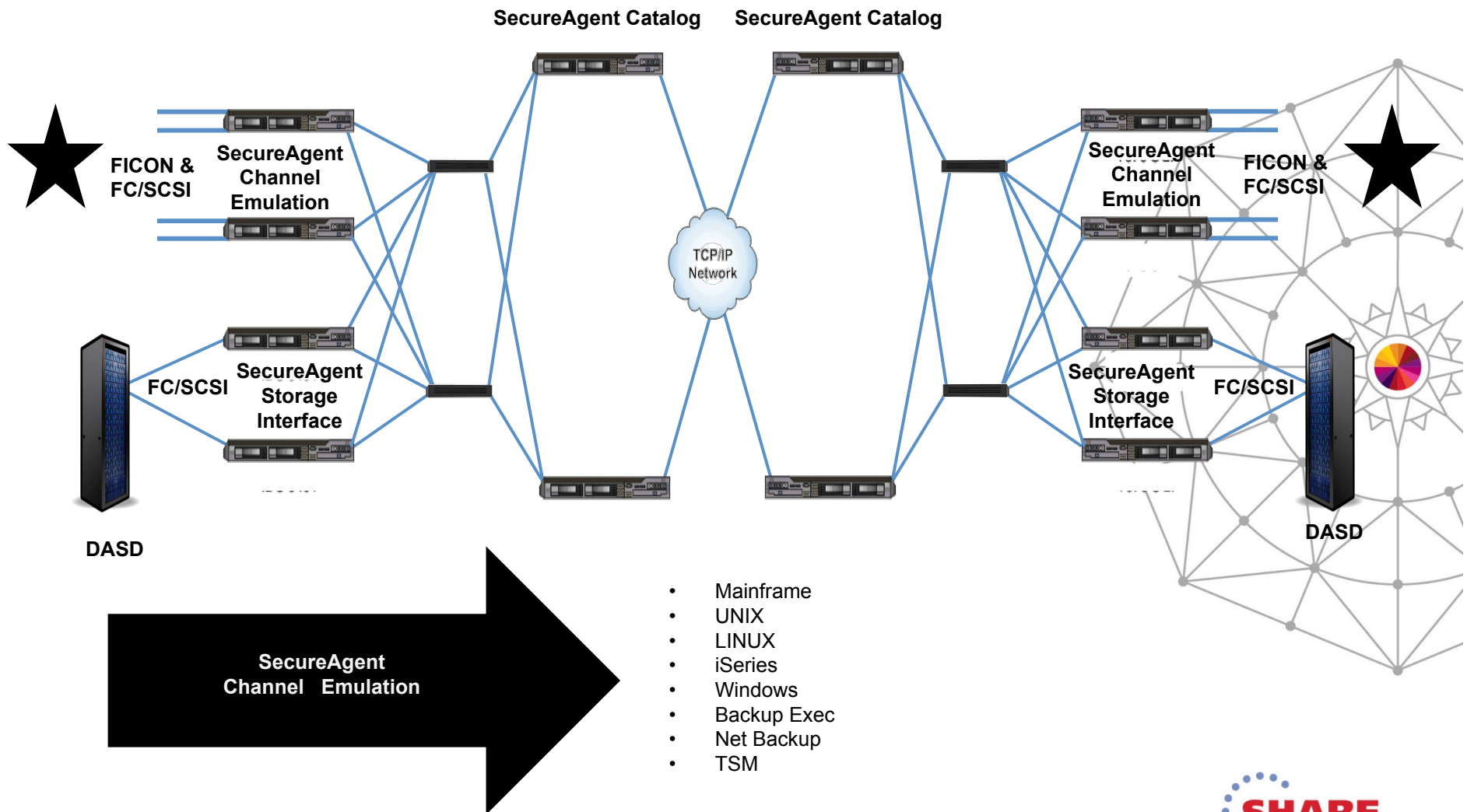- Remote Business Continuity & Disaster Recovery Tools
- One Button Recovery

A Multi-Platform VTL for all Environments

Production Site

Disaster Recovery Site

SecureAgent Catalog   SecureAgent Catalog

FICON & FC/SCSI

SecureAgent Channel Emulation

FC/SCSI

SecureAgent Storage Interface

DASD

TCP/IP Network

SecureAgent Channel Emulation

FICON & FC/SCSI

SecureAgent Storage Interface

FC/SCSI

DASD

SecureAgent Channel   Emulation

- Mainframe
- UNIX
- LINUX
- iSeries
- Windows
- Backup Exec
- Net Backup
- TSM

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Specializing in Selective Data Center Solutions

- Established in 1994
- State-of-the-Art-Data Center – Pearl River, NY
  - Uptime Institute Tier III/IV Classification
  - SSAE16 Type 2 (formerly SAS70 Type 2) Compliant, PCI-DSS, EU Safe Harbor Certified
- High-Availability Disaster Recovery Centers – Branchburg, NJ; Shelton, CT; Atlanta, GA; Irvine, CA
- Grown to become a leading Mid Tier provider of IT outsourcing solutions – Significant Client Base
- Mainframe, Open Systems, iSeries/Mid-Range, Application Services; Dedicated Disaster Recovery, Business Continuity and 24x7 Colocation & Managed Hosting Infrastructure services
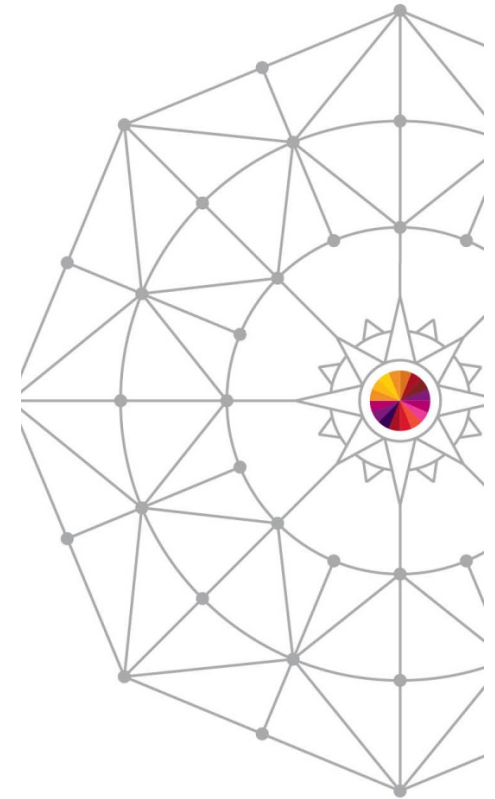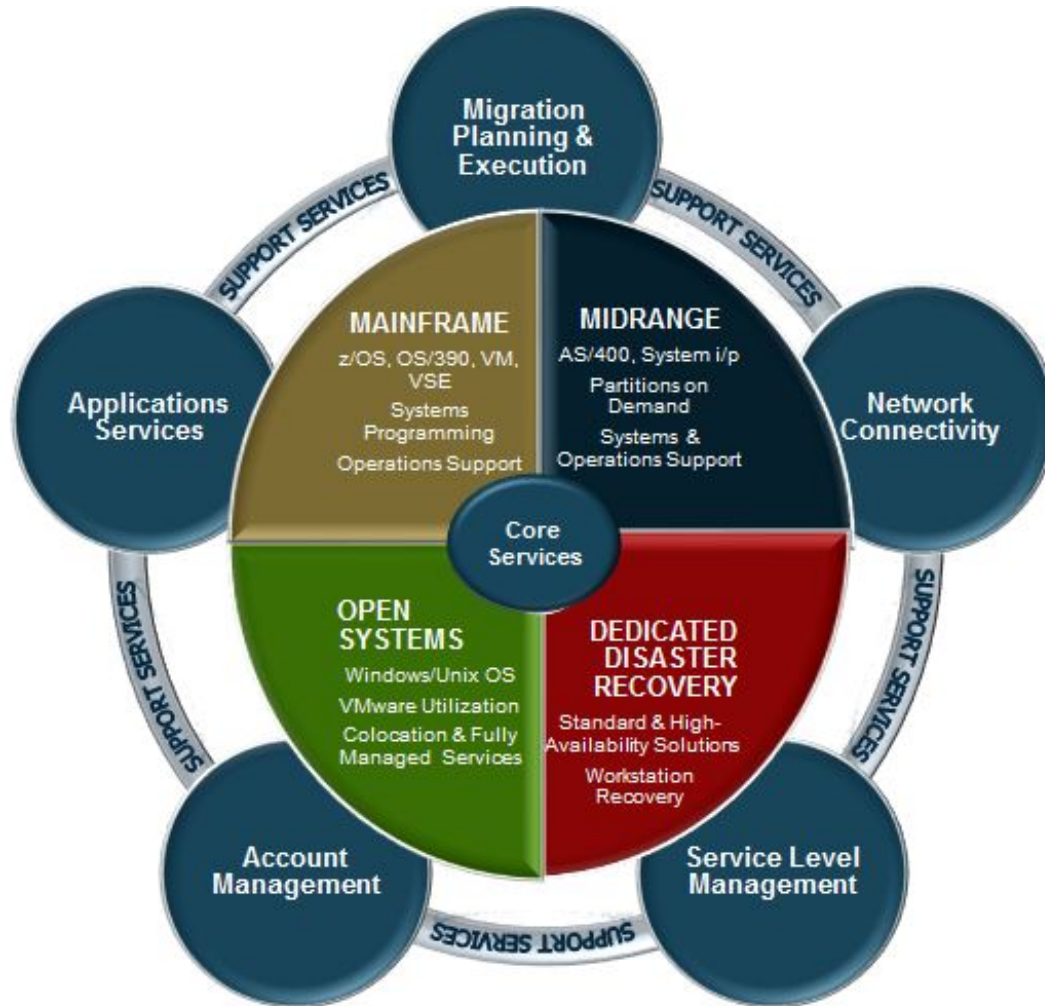- Onshore service delivery
- Global reach (22 time zones)

Core Services
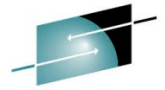
Cost Effective Solutions for Clients

- SecureAgent's VTL
  - Multi Client
  - Multi Hardware Platform
  - Multi Operating System Tape Measurement Systems
  - Backup System
  - Disaster Recovery System
- Traditional Mainframe legacy application (batch processing)
  - Performs as a Virtual Tape Library System
  - Interfaces with any Tape Management System
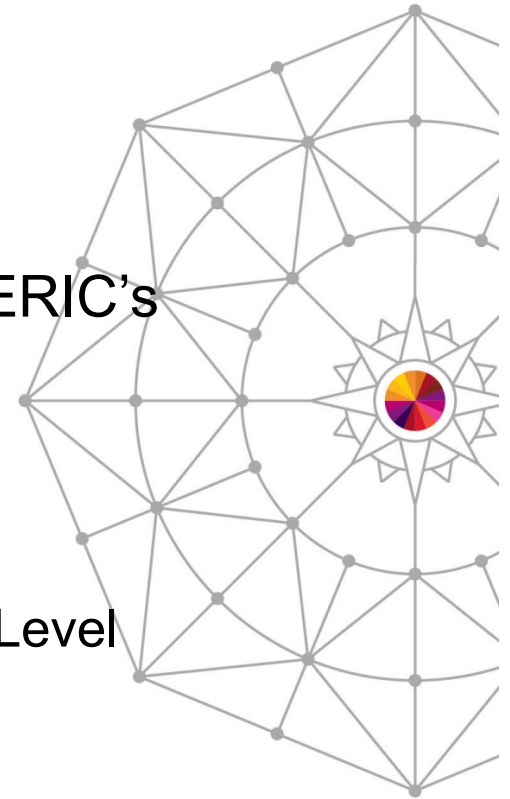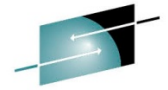   - IBM RMM, CA1, ZARA, Control-T, Dynam/T, VMTape
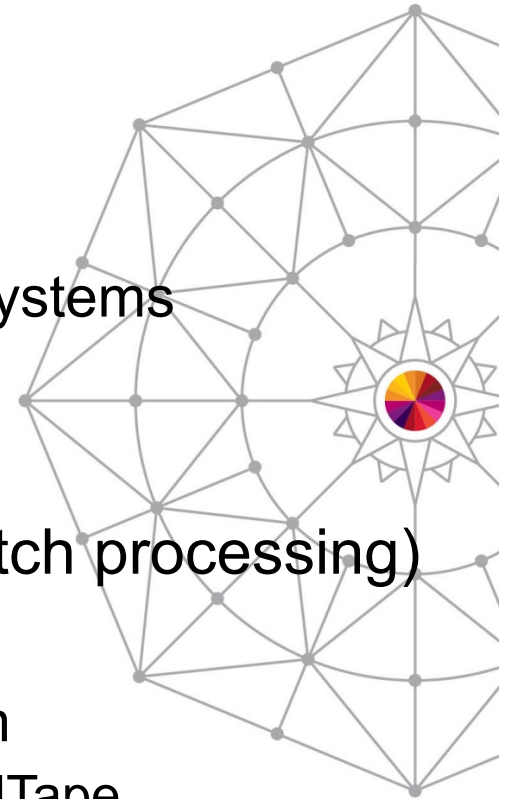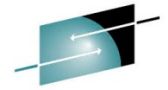
Media Formats

- The SDS VTL Supports
  - IBM (3480, 3490, 3590, 3592)
  - STK (9490, 9840, 9940)
  - Thus, there is no need to change JCL, ESOTERIC's

- IMPORTANT NOTE!
  - The SDS VTL is OS level independent
   - It does not require a specific Operating System Level

Mainframe Backups for DR

- The SDS VTL Supports

  - IBM (3480, 3490, 3590, 3592 STK (9490, 9840, 9940)
    - Backup disk volumes to SDS VTL
    - Transmit backups to remote SDS VTL at one of our DR data centers
  - Physical Tape backup offsite method – to store on LTO4 media
    - For physical backups offsite use the SDS VTL to backup the volumes
    - Move them to the ADIC tape library with LTO4 drive
    - Send the LTO tapes offsite
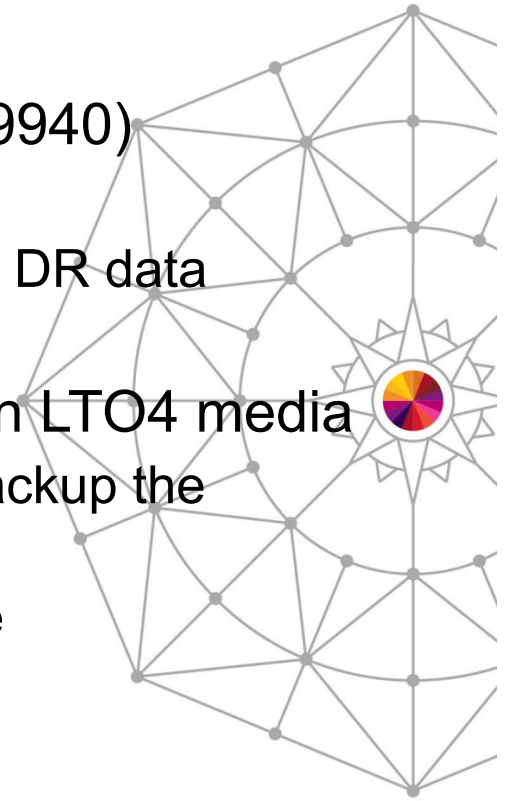
Mainframe Backups for DR

- The SDS VTL Supports

  - Reduce RPO and RTO Method
    - We combine the SDS VTL with Point-in-Time technology
    - Take snapshots and backups throughout the day
    - Transmit from the SDS VTL in the primary data center to our DR data center

# iSeries Platforms using the SDS VTL

iSeries Backups for DR

- iSeries environments interfacing with IBM's iSeries BRMS tape management
- For DR, we perform systems saves and transmit the saved system to our DR Data Center for improved RTO
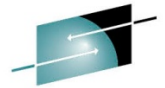- Encryption supported

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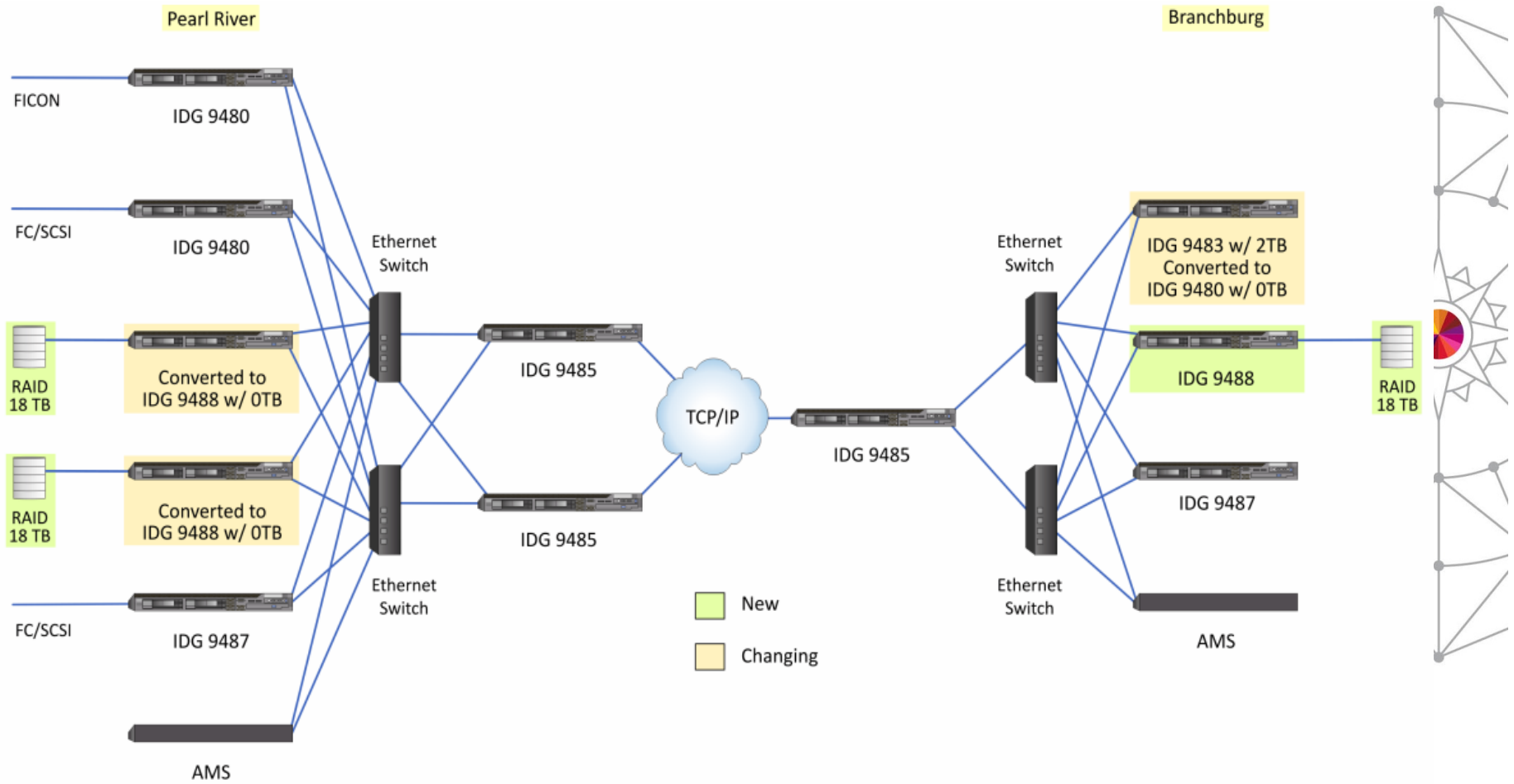# Open Systems Platforms using the SDS VTL

Windows, VMWare & Linux

- Intel environments interfacing with multiple backup systems

- For DR, we perform Backups and transmit the backup system to our DR Data Center for improved RTO
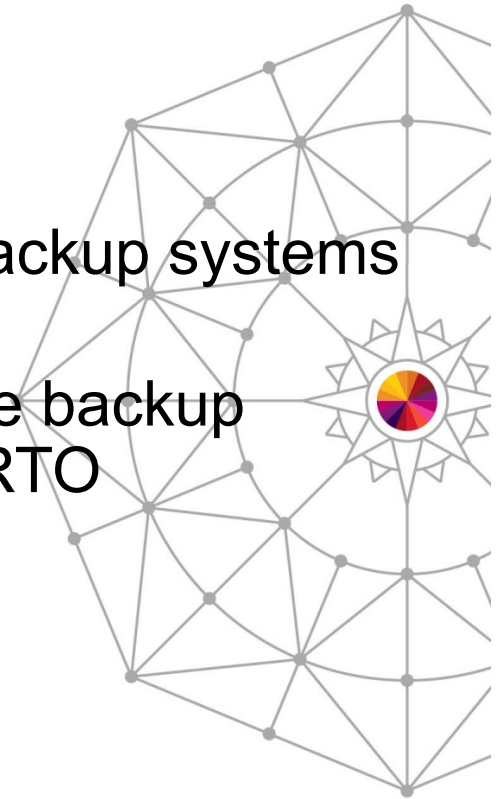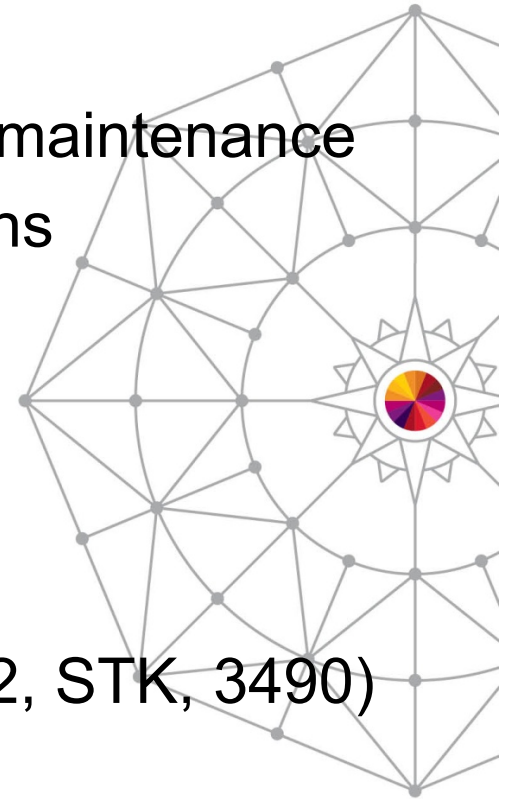
- Encryption supported

SDS VTL Configuration

Benefits Using SDS VTL

- Reduced external media purchases
- Reduced external tape drive purchases and maintenance
- Reduced power and floor space consumptions
- Faster RTO (Recovery Time Objectives)
- Improved Recovery Point Objectives
- Encryption
- Data Compression
- Support for multiple tape media (LTO, 3590-2, STK, 3490)

Differentiators – FIPS Security and Encryption!

Does Metro Allow Data To Be Stored Or Transferred Unencrypted???

ENCRYPTION!

It's **_NOT_** Enough To Offer Only Compression

Large Companies like Metro Today Demand Encryption At All Points, in motion and at rest

More And More Companies Require Multiple Encryption Keys To Protect Different Types Of Data

Large US Banks Are Now Requesting Unique Encryption Keys For *Each and Every* VOLSER
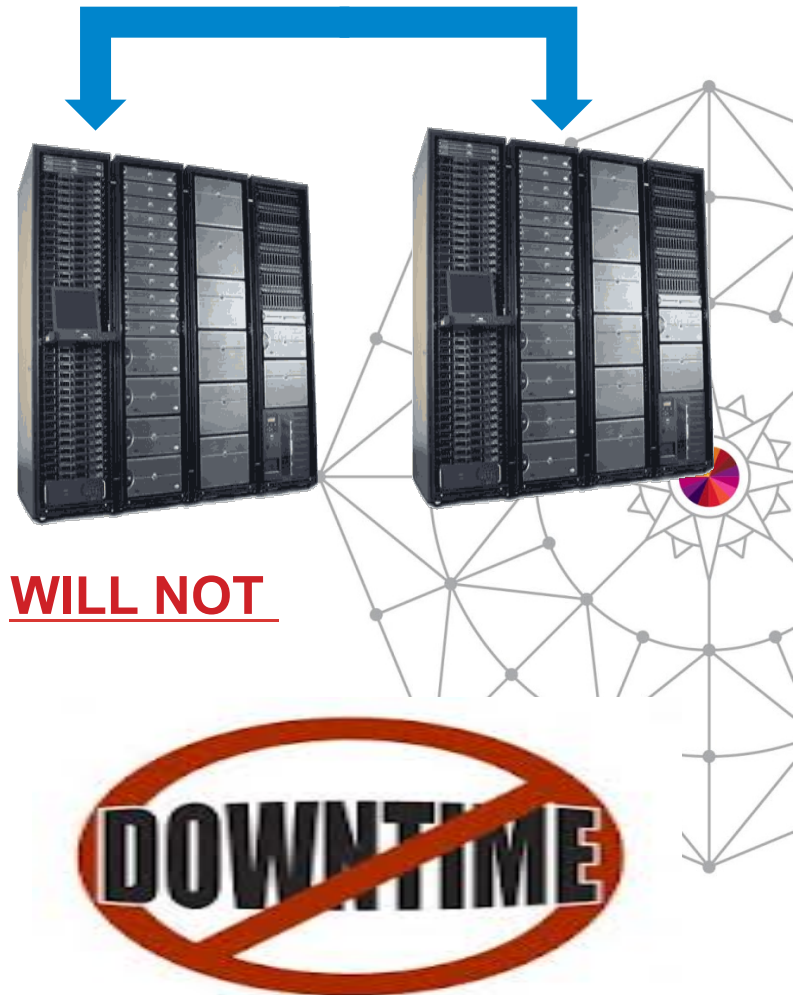
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Differentiators – Total Distribution of Functionality

Redundancy

Unplug Any component with no Production Impact

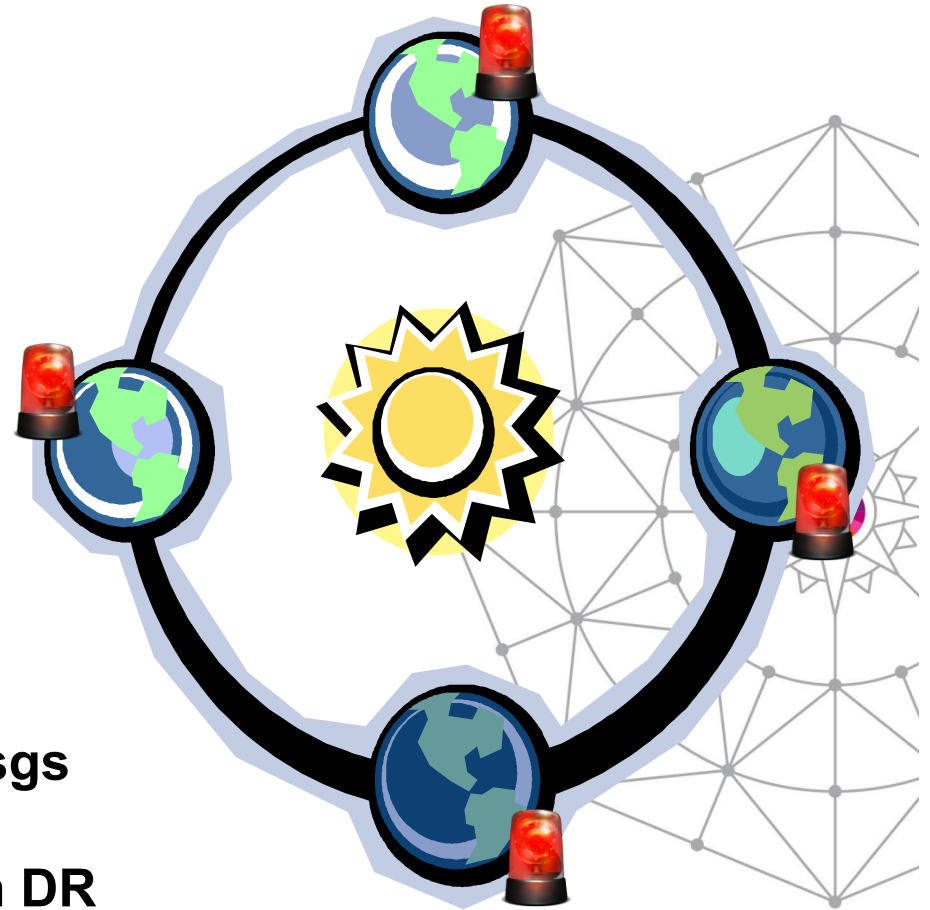**Problems in One Area of Functionality WILL NOT Affect Other Units**

Reduce Production Downtime
Upgrade and Scale with no Downtime
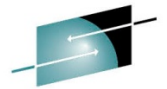
Differentiators – Integrated Alerting

Remote Alerting

Automatically Alerts Ops with WTO Msgs
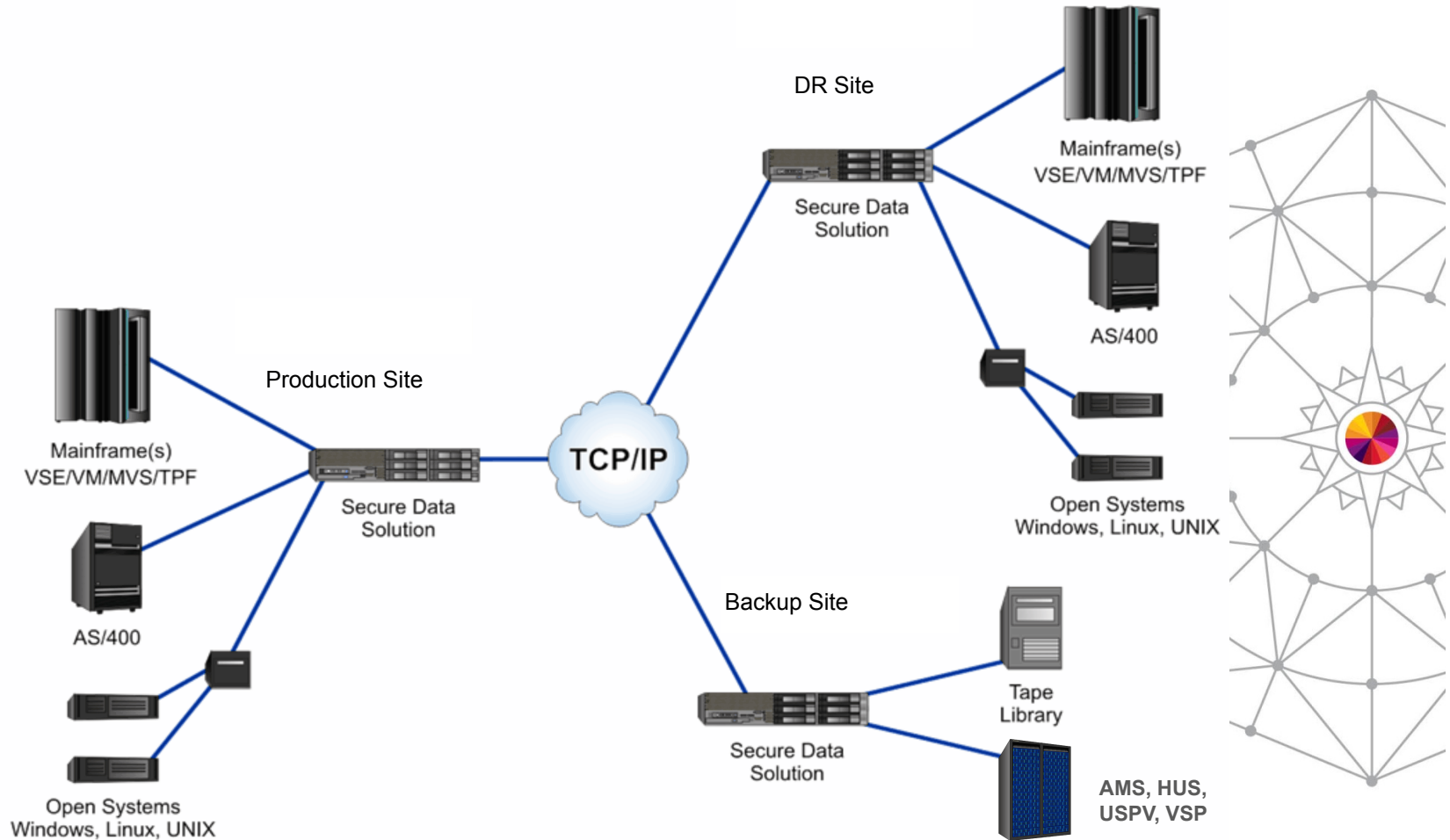
Integrated Alerts Through SuperVision DR

Integrated Multi-Site Recovery VTLs
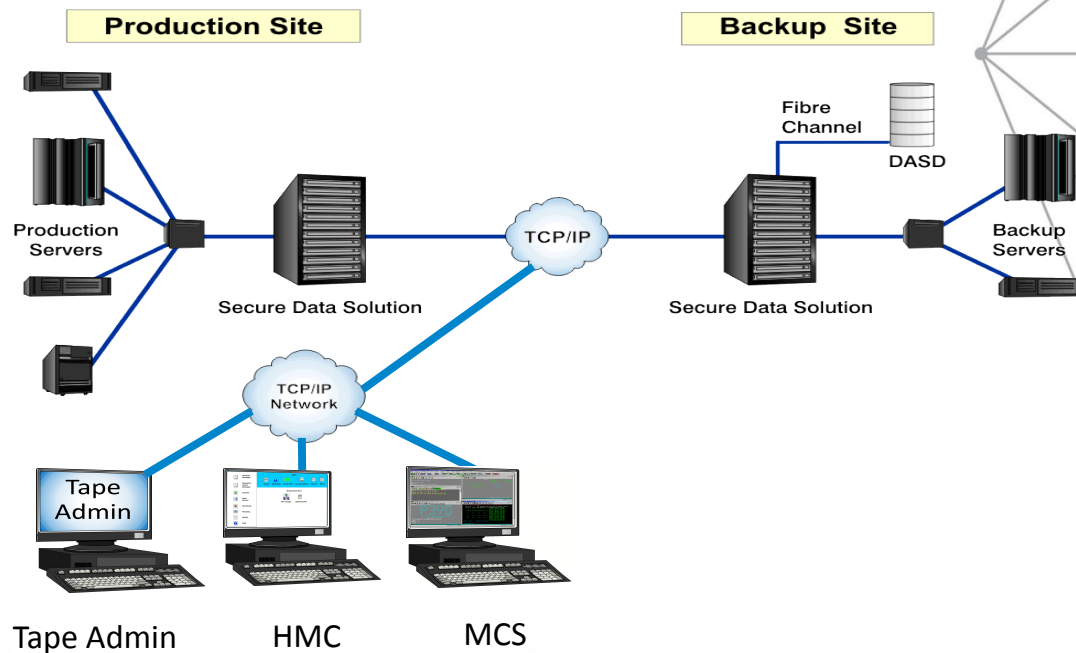
Differentiators - One Button Recovery

Integrated Console Tools and Virtual Tape – A Powerful Combination

Remote Tape Process Management

Remote Hardware & System Console Access

Integrated Automation

Contact Us

For more information please visit:
http://www.secureagent.com

John Sawyer
John.Sawyer@mail.secureagent.com

http://www.bluehilldata.com

Tom Laudati
tlaudati@bluehilldata.com