The Most Comprehensive Storage Data Collection

Galileo captures a **broad set of metrics spanning IBM® Storage arrays, multi-vendor platforms, SAN fabrics, and connected hosts**. This complete view of your environment equips IT teams to troubleshoot quickly, identify performance patterns, and make precise decisions about capacity and efficiency.

Configuration & Inventory

- ✓ Device version, model, serial, image ID
- ✓ HMCs, cache size, LIC keys, encryption key managers, partnerships
- ✓ Arrays, ranks, disks, storage pools, volume groups, LSSs, cluster, I/O groups, nodes, mdisks
- ✓ FB and CKD volumes, mappings, host volumes
- ✓ Remote Mirror & Copy Paths (Metro Mirror, Global Mirror)
- ✓ FlashCopy and volume relationship mapping

Capacity & Utilization

- ✓ Raw, allocated, and real capacity (FB/CKD)
- ✓ Thin volume efficiency & oversubscription ratios
- ✓ Extent pool capacity: total, used, available, % allocated
- ✓ Subsystem-level physical capacity (used/free/allocated)
- ✓ Volume group and host-level capacity tracking

Replication & Copy Services

- ✓ Metro Mirror & Global Mirror performance, cluster replication, inter-node latency
- ✓ FlashCopy relationships and activity tracking

Performance & Throughput

- ✓ Throughput, transfer counts, read/write service times, and I/O sizes
  - Host (front-end), Disk (back-end), Extent Pool, Volume, Rank, Mdisks
- ✓ Sequential vs. normal workloads (read/write)
- ✓ Volume cache hit % (total, read, write, normal, sequential)

Port & Fabric Metrics

- ✓ FCP & FICON port send/receive throughput
- ✓ Utilization, I/O rates, and response times
- ✓ CRC errors, sync loss, invalid transmission, signal errors (rate & count), port metrics, and port errors

SAMPLE CUSTOM REPORTS

- ✓ Replication Health & RPO Compliance
- ✓ Storage Pool Utilization & Thin Provisioning Efficiency
- ✓ Host-Level I/O Performance Summary
- ✓ Volume Hotspot & Latency
- ✓ Port & Fabric Health Audit
- ✓ Capacity Forecasting & Growth

SUPPORTED IBM STORAGE SUBSYSTEMS:

IBM A9000/R • IBM DS8000 • IBM FlashSystem
IBM Spectrum Virtualize • IBM XIV