The Most Comprehensive AIX Data Collection

Galileo provides unmatched depth of observability for AIX®, capturing a broader range of system metrics than *any* other tool. With this level of visibility consolidated in one place, IT teams can analyze performance, troubleshoot issues, and plan capacity with precision.

Performance & Capacity Trend Data

- ✓ Logical CPU utilization (system/user/wait)
- ✓ Virtual processor (VP) allocation & utilization (system/user/wait/idle)
- ✓ CPU consumed vs. entitlement
- ✓ Dedicated, shared, donated/shared statistics
- ✓ Run queue
- ✓ Shared pool utilization
- ✓ IBM Relative Performance (rPerf) normalized CPU usage
  - Active capacity available - physical server and tagged group of LPARs
  - Aggregated rPerf usage – physical server and tagged groups
- ✓ LPAR weight trended
- ✓ Unique PID detail forever
- ✓ Real memory and virtual memory statistics
- ✓ Large page memory statistics
- ✓ VMM parameters
- ✓ System paging scan/free ratio
- ✓ Context switches and system calls
- ✓ Network send/receive throughput and packets (summary and by adapter)
- ✓ Network I/O errors
- ✓ Shared ethernet adapters
- ✓ Physical and virtual fiber adapter statistics
  - N-PIV virtual adapters intelligently presented as "VIOSx : VIOS_fcsx : client : client_fcsx"
- ✓ Tape statistics (if present)
- ✓ Disk read/write/total throughput & transfers
- ✓ Disk read/write/total transfer sizes
- ✓ Disk read/write/total service times
- ✓ Disk average wait time
- ✓ Disk average wait queue depth
- ✓ Disk average service queue depth
- ✓ Disk service queue full statistics
- ✓ Filesystem size, usage and free
- ✓ Filesystem percent utilization
- ✓ Filesystem inode usage
- ✓ Filesystem inode percent utilization
- ✓ NFS v2, v3, v4 statistics (server and client)
- ✓ NFS connection-oriented RPC statistics (server and client)
- ✓ NFS connectionless RPC statistics (server and client)
- ✓ Spectrum Scale (GPFS) performance statistics (automatically detected and collected by default if part of a cluster)
  - Node waiters, open files, node throughput and operations, filesystem throughput, etc.
  - Deep Spectrum Scale (GPFS) performance, configuration and capacity information with additional GPE GPFS
- ✓ HMC energy statistics
- ✓ HMC unallocated adapter slots, memory and CPU
- ✓ HMC unmonitored GPE LPARs
- ✓ HMC and phsyical server configuration information (across enterprise)
- ✓ Advanced analytics (including VIOS-specific analytics rules)
  - including reports around configuration changes and possible misconfigurations
  - Anomaly detection for any KPIs

Configuration Data

- ✓ OS level and kernel version
- ✓ Server Model and Serial Number (active and historical)
- ✓ Processor type and speed
- ✓ Firmware levels
- ✓ Partition type and mode
- ✓ CPU pool
- ✓ Assigned and unassigned entitlements
- ✓ Virtual CPUs (VPs)
- ✓ Memory usage
- ✓ Assigned and unassigned memory
- ✓ Uptime
- ✓ Entitlement and weight
- ✓ Network details
- ✓ Fiber adapter details (physical/virtual)
- ✓ I/O adapter slot details
- ✓ Tape drives
- ✓ Disk details
- ✓ All filesystem details
- ✓ Active volume group details (VGs)
- ✓ Active logical volume details (LVs)
- ✓ IOO and VMO configuration details (maintained forever)



Custom Reporting

- ✓ **Daily/Weekly Anomalies Report**
- ✓ **IBM Power Frames Performance**
- ✓ **LPP and Code Levels Audit**
- ✓ **Weekly Capacity Report**
- ✓ **Resource Savings Report**

See how your current solution compares to Galileo.