

Archive Manager™

Automated Archiving Solution



Overview

Archive Manager™ is the EPOCH IPS™ (Integrated Product Suite) Automated Archiving and Product Generation solution for end-to-end management of satellite data and analysis product files within an EPOCH IPS Control Center.

Archive Manager safely and consistently handles both short- and long-term storage requirements for satellite archive data in an EPOCH IPS Control Center. In addition, Archive Manager automatically creates necessary analysis product files and statistical data files as new archive data is made available. These product files are immediately accessible by Integral Systems' Archive Browser and Extractor product (ABE®) for timely and accurate analysis. Archive Manager makes managing and integrating your Control Center data safe and simple.

Applications/Usage

System Administrators use Archive Manager for file management and analysis product file generation within a Control Center. Archive Manager provides a scheduler and task activation capability to fully automate this process. Archive Manager is configured to archive satellite data files to an Archive Management server, where files are maintained for short- and long-term storage. This data typically needs to reside on an EPOCH T&C® server for a certain time period for immediate playback/display through EPOCH T&C. After this period expires, Archive Manager removes the data files in order to keep the server's disk capacity within normal operating limits. As new archive data is moved to the storage units, Archive Manager automatically generates various products that can be used to analyze satellite and ground system data.

An Integrated Solution

Archive Manager is fully compatible with the EPOCH T&C file formats. It can be scheduled to create data products readable by Kratos-ISI's analysis and trending software, ABE. Archive Manager is also used to manage EPOCH T&C server disk resources. This involves moving archive files from EPOCH T&C servers to the long-term storage units and deleting old data on the T&C servers to make room for new data. Working with EPOCH T&C and ABE, Archive Manager provides a complete, integrated solution for ground system archive data storage, product generation, and trends analysis. monitor and control your spacecraft and ground equipment.

Features

- Integrated design
- Installs easily
- Client/Server Architecture
- RAID Storage
- Scalable
- NAS Storage
- Event driven

Benefits

- Provides integration between various EPOCH IPS products
- Supports many client connections
- Server runs unattended
- User-friendly client GUI
- Configurable for single or multiple satellites
- Easily expanded
- Performs archive data product generation as quickly as data is available
- Rapidly get your system up and running
- Minimal configuration required
- Fast archive retrieval for recent historical data
- Provides terabytes of online storage at very low cost