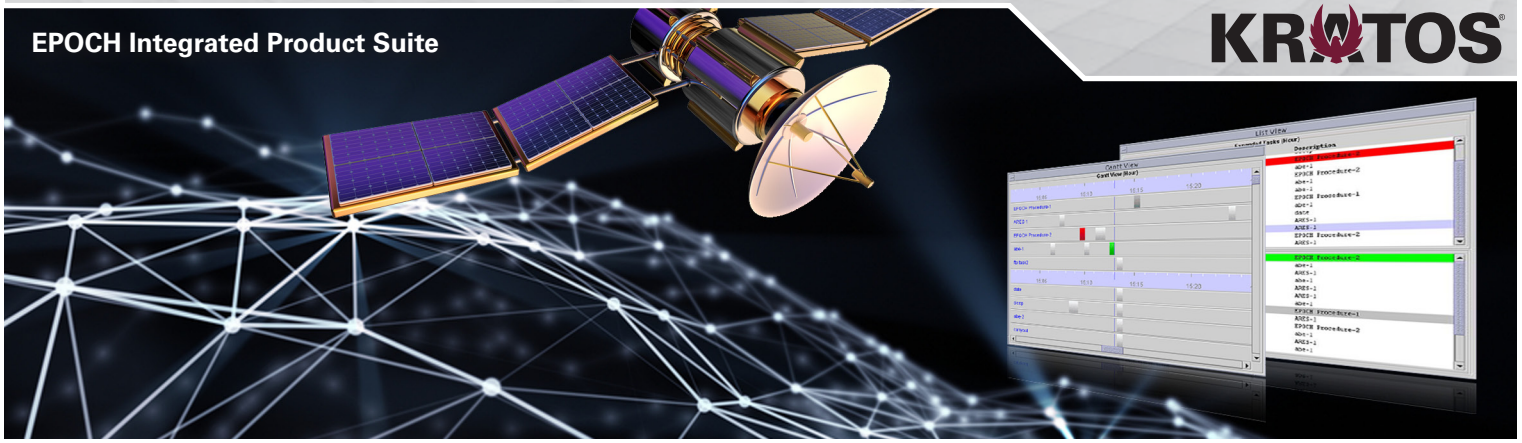
Task Initiator™

EPOCH Ground System Automation Package



Overview

Task Initiator™ provides off-the-shelf automation for various control system functions including those of available as part of the EPOCH IPS™ (Integrated Product Suite). Operators and engineers can schedule the automated generation of ABE® historical trending and analysis plots and reports, execution of routine orbital operations activities in OASYS® or even the execution of real time satellite or ground equipment status and control procedures in EPOCH T&C® or ARES™.

This versatile tool also allows operators to schedule the execution of user developed applications or scripts. Task Initiator includes mechanisms for starting tasks based upon recognition of satellite control center events, such as time scheduled events, file arrival events, or customer specified events.

Applications/Usage

Satellite operators and engineers use Task Initiator to automate:

File Management, Transfers, and Cleanup	System Operations	Product Generation	Ground Equipment Reconfigurations
- EPOCH archive files - Ranging/Tracking files - OASYS reports files - User created files	- Periodic ranging - Database synchronization - Sensor inhibit command sequences	- ABE reports/plots - OASYS reports - Telemetry reports	- Pass reconfigurations - Pass preparation

An Integrated Solution

Task Initiator is part of the EPOCH IPS product line, which provides end-to-end capability for satellite operations. Task Initiator works with EPOCH T&C for satellite telemetry and command, OASYS (Orbit Analysis System) for orbit analysis and maneuver planning, ABE (Archive Browser and Extractor) for short and long-term trending and analysis. These products work together to provide a proven, integrated COTS (Commercial-Off-the-Shelf) solution for satellite command and control.

Features

- *Open*
- *Scalable*
- *Client/Server Architecture*
- *Configurable*
- *Event Driven*

Benefits

- *Runs on any standard UNIX or Windows XP*
- *Supports growth via its distributed design, so you can easily add users and satellites*
- *Server runs unattended. Provides the flexibility to monitor and control task execution from anywhere on the network via user-friendly client GUI*
- *Provides both list and Gantt style schedule windows*
- *Configures for single satellite or constellation automation using the same software. Eliminates risks associated with custom development*
- *Supports different triggering mechanisms*

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