EFT Server Support for Cross□Platform Processes, Complex Scheduling, Event□Driven Processing, and Dependency Logic

APPLIES TO:

EFT Server (All Versions)

Overview

EFT Server provides a flexible and extensible automation framework capable of supporting a wide range of business workflows. This article summarizes EFT Server's capabilities in four key areas:

- Controlling processes on dissimilar platforms
- Supporting complex scheduling
- Handling advanced event#driven processing
- Understanding the limits of native dependency logic

Controlling Processes on Dissimilar Platforms

EFT Server can interact with and control processes running on a variety of external systems, including dissimilar or mixed-platform environments. Through its support for multiple inter-process communication (IPC) methods—and with optional assistance from Globalscape Professional Services—EFT can be extended to integrate with nearly any infrastructure that supports external connectivity or manipulation.

Examples of technologies that can be leveraged include:

- Web Services via Enterprise Service Bus (ESB)
- Message Queuing
- Legacy IPC systems such as JNRI, CORBA, and DCOM

This flexibility allows organizations to incorporate EFT Server into heterogeneous environments with complex integration requirements.

Complex Scheduling Capabilities

EFT Server offers robust scheduling features that enable highly configurable and intricate timing logic. Using the **Timer Event Rule**, administrators can define:

- Multiple calendars
- Rules within each calendar
- Complex recurrence patterns
- Conditional logic for failures and automated reactions

These calendars and rules can orchestrate single actions or entire workflows, allowing EFT Server to support sophisticated operational schedules.

Advanced Event#Driven Processing

EFT Server’s event-rule subsystem provides a broad set of events that can serve as triggers for automated actions. These events allow the system to respond dynamically to changes or occurrences such as file uploads, downloads, folder modifications, and more.

In addition to built□in actions, organizations can employ **Custom Commands** to extend processing even further, enabling virtually unlimited customization to match specific business workflow requirements.

Support for Dependency Logic

While EFT Server's Event Rules support basic failure conditions and corresponding reactions, the platform does **not** natively provide full complex dependency logic (e.g., multi-step dependency chains, conditional branching across workflows).

However, organizations with more advanced dependency requirements can achieve expanded logic through:

- Customizations developed by Globalscape Professional Services
- Integration with external systems capable of orchestrating dependency workflows

---

Summary

EFT Server is a powerful automation platform that supports complex scheduling, advanced event-driven processing, and cross-platform integrations. Although native dependency logic is limited, extended functionality can be achieved through professional services or external workflow orchestrators.

GlobalSCAPE Knowledge Base
https://kb.globalscape.com/Knowledgebase/10032/EFT-Server-Support-for-Cross...