

COMPANY OVERVIEW

Choreology are leaders in Business Transaction Management (BTM) software that enables the management and coordination of loosely-coupled applications in the heterogeneous environment. This includes legacy systems, web services and multiple transport mechanisms.

We provide coordination at the application rather than the data level, building upon the existing investment in today's integration technologies whilst significantly reducing the effort required to deliver consistent and reliable business transactions – enabling full recovery and persistence in the process. This can occur over the heterogeneous transport protocols that are often present within and between organizations.

A sample list of business problems that can benefit from Choreology's Cohesions solution in the Financial Services, Telecommunications and Supply Chain Management sectors include:

- **Coordination of reference/static data**
- **Coordinated and consistent update of multiple receiving systems**
- **Payments tracking and completion (e.g. shipping or insurance claims)**
- **Guaranteed publishing e.g. pricing/content distribution**
- **Self-care portals where real-time coordinated systems are a prerequisite**

In addition, Cohesions addresses a number of technology issues to provide:

- **Transaction processing for GRID**
- **Coordination between different BPM and workflow solutions**
- **Transaction Management services for third party BPEL engines**

Whilst typical EAI/Message Oriented Middleware and Business Process Management software is focused on providing the tools that enable integration, data transformation, message routing, workflow and process management, Choreology Cohesions augments these solutions by providing coordination, automated failure recovery and reduced exception recovery code across applications, services and systems. This reduces the operational need for secondary repair systems and reconciliation.

Choreology's Cohesions is a Java-language toolkit suitable for integration with other ISV's products. It has already been successfully integrated with a number of container environments including J2SE, J2EE and Web Services servers, as well as related IDEs and code generators.

The product allows transaction events to be defined and tracked by application services and/or business processes. Provisional actions can be compensated or supplemented as they are finalized, using any level of application-defined business logic. Application events (business states) and transaction completion events are logged and automatically recovered in the event of failures or planned service outages.

In summary, the historical "transaction" virtues of consistency and reliability (familiar from database systems) are now extended to loosely-coupled distributed business transactions, within and across the firewall. The Cohesions APIs greatly simplify application-level integration and allow the application of business rules to the behaviour of participating systems, and the processing of multiple viable and non-viable outcomes.

The product implements the interoperable OASIS Business Transaction Protocol, and the first version of WS-Coordination and WS-Transaction. In the same vein, users can work with multiple communication protocols (such as Java RMI, SOAP and JMS), and with different underlying data resources such as databases and message queues

Choreology has a long history and deep expertise in the development and implementation of distributed transaction management solutions as well as extensive expertise across financial services, insurance, telecommunications and supply chain management.

If you would like more information on Choreology's products and solutions please:

- **visit our website at www.choreology.com**
- **or call us on +44 (0)870 736 9684**
- **or send an email to info@choreology.com**