



FED and CHIPS GATEWAYS – high value plus high added value

Successfully processing client payments is not easy. Customers want high value payments made on time and cost-effectively. You also need to handle high volumes, manage inquiries, monitor system traffic – and do it all with tools and technologies that will cope with future change.

Dovetail's Payments System gateway products let you transfer funds from your internal systems and third party applications across the major United States clearing systems: the Federal Reserve's Fedwire funds transfer service and the Clearing House Interbank Payment Systems (CHIPS).

Our IP certified Fed and CHIPS gateways include intuitive interfaces that give you complete functional control while automating operational features such as parsing and rendering all Fed and CHIPS message types, both payment and administrative.

Built on a modern J2EE and Relational Database architecture, the gateways give access to all message data at the field level. These products are configurable, and provide out-of-the-box support

for routing messages to other systems via MQ or JMS. The gateways can be deployed standalone or included as an integrated component of the Dovetail Payments System.

Monitoring and management made easy

Dovetail's comprehensive web-based Fed and CHIPS gateways let privileged operators control clearing system links, monitor traffic and general status of the gateways, create Administrative Clearing System requests and search and display all Fed and CHIPS message types. Privileged users can also perform appropriate actions on specific transactions right from the front-end.



Dovetail

Progressive renovation in payments.

When the Fed Gateway is integrated with our Liquidity Manager, you'll have FRB Balance Reconciliation capabilities. You'll be able to compare the Fed's ABMS and Terminal Grand Totals reports with the Liquidity Manager and gateway traffic numbers and balances.

Towards a universal system

The Dovetail Payments System automates the settlement of a wide range of payments via CHIPS and FED, other global RTGS, and bulk ACH clearing. The universal system supports straight through processing, manual entry and repair, high and low value, single and bulk payment; in multi-currency, multi-company and multi-entity operations.

The secure, Web-based front-end allows local and remote payment entry and repair, liquidity management, and comprehensive exception management. The system fully supports ISO 20022 messaging ensuring no truncation of data. It is component based and built on modern open standards and technology giving you the greatest flexibility in choice of hardware and technology platform.

The screenshot displays the Dovetail Fed Gateway Management interface. At the top, there's a navigation bar with 'Back', 'Refresh', 'Print', and 'Logout' buttons. The main header shows the 'Dovetail' logo and user information: 'Admin - SouthAfrica - 02/07/07 - Started' and 'Last Update: 11:27:07'. Below this, there's a summary table for 'Fed Gateway' and 'CHIPS' with columns for Alerts, Cutoffs, Day Status, Fed LTerms, Available Balance, Adjusted Debit Cap, Accelerated Payments, Active Reservations, and Waiting For Fed Liquidity. The main content area is divided into several sections: 'Fed Gateway Information' (Gateway (Offline), Fed LTerms, Message Totals, Gateway Log), 'Message Search' (Inbound, Outbound, Admin Messages Received, Admin Message Requests, Outbound Retrievals Received), 'Create Admin Message Requests' (Terminal Grand Totals, Batch Acknowledgement, Account Balance, Message Details Summary, Message Retrieval, Error Code Description), and 'FRB Balance Reconciliation' (FRB ABMS Report Reconciliation, FRB Terminal Grand Totals Report Reconciliation). A left-hand navigation menu lists various system functions like Alerts, Transaction Inquiry, Payment Intervention, and Manual Payments.

Example: Fed Gateway Management

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