

VolPay Hub

Accelerated Payments Orchestration and Processing

There is no financial or corporate institution on the planet that has not been impacted by the dynamism of the digital payments processing age. Whether your organization is a major retail or corporate bank, or a specialized investment or finance house, or a regional or local player in banking or business, your organization, and more importantly, your internal payment processing systems are being asked to cope with constant change, and deliver constant innovation.

Is your organization struggling to keep up with the competition? Are new entrants and disruptors reducing your market share? How are your systems coping with an ever increasing range and diversity of payment channels and payment types? How easy is it for you to take-on and support new customers, new services, and new clearing mechanisms while applying an escalating burden of regulatory checks across an increasing volume of transactions, all to be processed in an ever decreasing window for execution?

It is a major, business critical challenge for all organizations and standing still is going backwards. To survive in this competitive market internal payment processing infrastructures need to be transformed into efficient, agile, digital payment mechanisms.

VolPay Hub is an application designed to deliver this digital payments process transformation within any organization, large or small. Based on Volanté's proven, innovative integration technology, this centralizing, open, payments orchestration engine simplifies the creation and management of new payment flows from acquisition to delivery.

VolPay Hub accelerates the process of change through a rapid, low risk implementation based on best-in-class integration facilities, pre-built support for an extensive range of payment standards and message transformations, and configurable best practice workflows for lower implementation times and easy, efficient change management.



VolPay Hub

VolPay Hub is a centralizing payments orchestration engine for the digital payments age. Through open, configurable adapters any payment type, from any source or channel can be acquired and processed by the system.

VolPay Hub enables the rapid standardization of processes and workflows, applying business defined rules to control and manage the flow of payment transactions inside the organization from acquisition to delivery.

VolPay Hub is a payment hub solution for:

- » Small to medium sized organizations needing a payment hub solution where shorter implementation time frames and lower costs of implementation and ongoing maintenance are key requirements
- » Larger organizations with existing major payment system implementations requiring a supporting hub to handle new specialist digital payments processing offering improved time to market and greater flexibility
- » Organizations where leading channel and source integration agility is key to the success of a new digital payment hub
- » Organizations seeking a digital payments orchestration engine to run within an existing or new user application or engagement platform

Payments Processing - The Case for Change is Compelling

Financial institutions and corporate treasuries around the world are under enormous pressures to cost effectively address the dynamic changes taking place in payments processing. Whether your business is threatened by a new disruptor in the market, or your traditional competition is rolling out new innovative services in shorter timeframes, or your customers are demanding support for an ever increasing array of payment types and channels, the existing payment processing systems within organizations are struggling to meet the needs of the business.

Consequently, the case for change is compelling, and is built upon a number of key objectives:

- » Remove legacy system restrictions
- » Enable standardization of processes
- » Reduce time to market for new services, new payment types
- » Ensure compliance with the latest standards and regulations
- » Manage increasing volumes and complexity

Payment Hub - the consensus strategy

While some organizations may seek to address their issues through enhancements and incremental change to existing systems, the consensus view across the industry, and the chosen strategy by the majority of key players within the payments world, is to implement a new, dedicated payment services hub.

The fundamental purpose of this new, specialized payment system within the organization is to facilitate:

- » The centralized management of all payment flows
- » The dynamic and flexible configuration of payment orchestrations
- » The ability to:
 - » Process any and all payment types
 - » Support any and all payment sources and channels
 - » Support any payment destination or clearing mechanism

Key Challenge - managing the cost of implementation & change

Most organizations fear the cost of change and, more specifically, the possible costs of implementing a new strategic, centralized payment hub. The ever evolving and complex world of digital payments processing requires a very high level of dynamism and flexibility within the centralized payments hub. Therefore, the control and management of implementation costs as well as ongoing maintenance is determined by the speed and ease of implementing change within the Hub. These are by far the most important characteristics that the hub can possess, and they manifest themselves through:

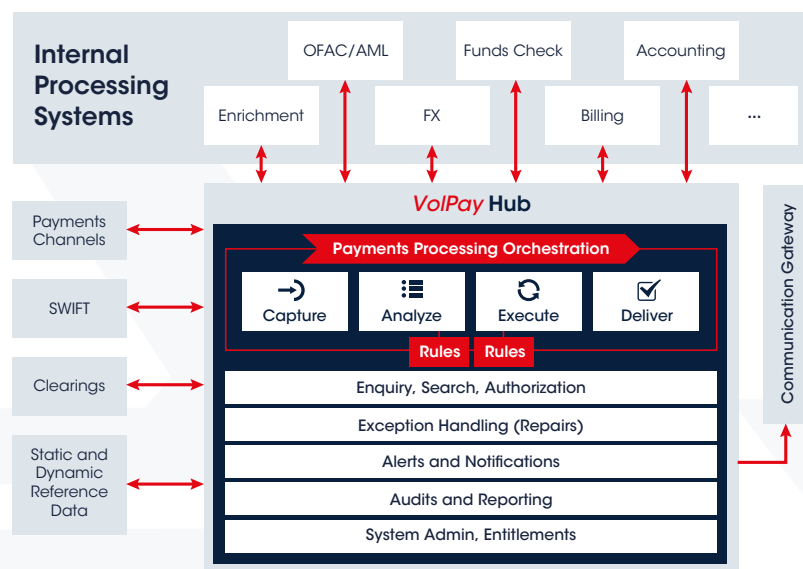
- » Agility of Integration
- » Flexibility of configuration
- » Ease of change management

The Solution – VolPay Hub

VolPay Hub is a configurable, centralized, digital payment process orchestration application. It simplifies the mechanism for on-boarding new payment flows and then enables the execution of the necessary technical and functional activities to successfully and efficiently complete the lifecycle of any payment transaction.

The strength of the system is based on its ability to rapidly:

- » **Normalize the data** – market leading digital payment integration facilities including data parsing, validating, mapping, and enrichment
- » **Standardize the process** – rules driven execution of workflows based on market and customer best practice
- » **Reduce the costs** – while gaining speed of change, speed of deployment, flexibility of configuration, support for open source stack, support for local and international standards, etc.



VolPay Hub Product Features:

- » Extensive message standards and transformations libraries for payment data on-boarding
- » Extensive support for technical integration with internal systems
- » Configurable interfaces to: Enrichment, OFAC/AML, FX, Funds check, Billing, Accounting
- » Browser based dashboard for transaction monitoring & enquiries
- » Exception handling and repairs
- » Configure 4/6 eye verification
- » Orchestration configuration console
- » Business rule definition
- » Warehousing of future dated payments
- » Alerts and notifications management
- » Auditing and management information reporting
- » Static and dynamic reference data interfaces: Accuity, SWIFTRef, Membership Directories, FX Rate Sheet
- » Static data maintenance access to: Calendars, Currencies, Countries
- » System administration & entitlements management

VolPay Hub supports the business by delivering:

- » Dramatically increased speed of payment channel integration, process orchestration, and internal systems integration
- » Speed and flexibility of setup of new payment flows
- » Insulation of core payments processing systems from the complexities of external change
- » Time proven integration technology, performant, scalable, and reliable

VolPay Hub payment flows capture functions

- » Data Capture
- » Bulk/De-bulk
- » Transform
- » Enrich
- » Validate
- » Duplicate Checks

VolPay Hub Orchestration configuration

Console for guided configuration of payment processing orchestrations and business rules

Payment Flow Analysis activities

- » Debit and Credit Party Derivation
- » Credit Party Analysis
- » Country specific rules
- » Payment Methods
- » Warehousing requirements

Processing Execution activities

- » Special processing
- » Charging
- » Accounting
- » Transformation
- » Advice generation
- » Remittance advices
- » Payment release

Processing Delivery activities

Transformations, advice generation and release of payments

Why VolPay Hub?

Agility above all else, as it is built to enable business speed & flexibility in on-boarding and the definition of payment processing orchestration flows to quickly take advantage of new business opportunities.

Best-in-class Payments integration software designed to excel at addressing the most challenging aspect for every payment hub implementation.

Configuration not coding for setting payment flow integration parameters and business rules for validation, processing and orchestration logic.

Business process led not technology led implementations providing dramatic reduction in development time and enabling quickest time to revenue while complying with ever changing regulatory and reporting requirements, payment channels and additional/changing internal payment processing systems.

Complete open source stack support offering the widest choice of cost efficient technical deployment options.

Modular product design so you implement only the functions needed for a lean and performant solution. Add additional functionality by module as needed.

Volante's focus: Complete commitment to developing & maintaining pre-built payments integration components including updated message standards and transformations.

Proven technology you can trust

VolPay Hub core components are a proven technology already in live use at more than 80 diverse financial institutions and corporate enterprises around the globe.

Payment Formats

VolPay Hub supports an extensive range of pre-built and maintained libraries of payment message standards. These deliverables help to significantly reduce the burden of ongoing maintenance and also speed up integration of the payment flows on-boarding and integration to internal systems. Organizations are insulated from the constant changes in standards that impact the production systems and integration with the customer.

VolPay Hub is supported by Volante's growing library of over 85 domestic and international maintained financial message standards plugins with more than 250 associated transformations with customizable, bidirectional maps.

The payment standards supported include:

- » **ISO 20022** - SWIFT MX, SEPA, SADC, CGI-MP, local variants for Real Time Payments and ACHs...
- » **SWIFT MT** - MT1XX, MT2XX, MT9XX, CHIPS, CHAPS, TARGET2, SRG2010-15...
- » **ISO 8583** - 1987, 1993, 2003, Amex, MasterCard, Visa, Faster Payments switches...
- » **Corporate** - EDIFACT, X12, BAI2, SAP IDocs, PEXR...
- » **Domestic proprietary** - US, UK, JP, AU, SG, IN, CA, BR, CO, MX, DE, NL, PL, ZA...
- » **Alternative Payments** - Ripple...

The range and complexity of the formats we support reduces the burden on the payments project team by avoiding the need to either design and build these standards in-house or to rely on expensive updates from traditional vendors.

Base Formats

Fixed width, XML, Excel, HTML, CSV, ASCII, Delimited, CobolCopyBook, Word/RTF, PDF, POJO, Universal

Pre-Built Transformations

More than 250 bidirectional and customizable mappings to and from ISO 20022 including SWIFT MT, Fedwire, BACS, SAP, CGI-MP, CHIPS, BAI2, ICF, BECS, CA005...

Business Benefits of VolPay Hub

- » Faster 'ready for business' state for new payment channels, new payment flow definitions, new payment orchestrations
- » Less disconnect between business departments and IT for new product/service strategy deployments
- » Significantly reduced dependency on external system vendors and other external factors impinging on timely implementations and ongoing changes
- » Increased business led processes, with less pressure on technology for new payment channels on-boarding and service deployments

Contact us at www.volantetech.com to schedule an online demonstration of VolPay Hub