IBM Financial Transaction Manager Enterprise for z/OS, V3.0 provides a high-value solution that supports a broad range of payment types

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At a glance

IBM® Financial Transaction Manager Enterprise for z/OS®, V3.0:

• Provides the ability to process multiple payment types through a single reliable, high-performance platform
• Supports real-time payments through The Clearing House (TCH), along with NACHA payments, SEPA credit and debit payments, UK Faster Payments, and SWIFT message processing
• Offers a converged solution across channels and payment networks to help enable predictive insights, improve customer reporting, and reduce risk
• Can help reduce implementation time and cost, speed on-boarding, and shorten time-to-market with new and enhanced services
• Offers benefits provided by IBM Z hardware and the IBM z®/OS operating system, including fast, predictable response time, seamless scalability, continuous availability, and high levels of security
• Supports IBM Payments Pricing Solution for z/OS, an option to add per-payment pricing for Financial Transaction Manager payment workloads on z/OS environments

Overview

Financial Transaction Manager Enterprise for z/OS, V3.0 provides a single high-value solution that offers the ability to process a broad range of payment types within the modern, robust IBM Financial Transaction Manager suite. This new offering brings together capabilities that were previously available within five different offerings. Financial institutions can now process the following message types through a single ISO 20022-compliant platform, using a common Internal Standard Format (ISF):

• Immediate payment messages that conform to The Clearing House (TCH) standards
• ACH files that conform to NACHA operating rules (includes all SEC codes)
• SEPA Credit Transfer (SCT) and SEPA Direct Debit (SDD) message flows
• Bankers' Automated Clearing Services (BACS) for UK Automated Clearing House (ACH) payments, Clearing House Automated Payment System (CHAPS) for UK Real Time Gross Settlement, and UK Faster Payments Service (FPS) messages
• SWIFTNet FIN, InterAct, and FileAct files through SWIFT-certified messaging interfaces
Financial Transaction Manager Enterprise for z/OS offers an established solution that helps support financial institutions in the development or transformation of their financial transaction management systems. It features an extendable platform that can be easily extended to help support the pan-European instant payments solution, the Zelle™ payments network, and other new regional or in-country schemes worldwide. The solution is able to process high volumes of financial messages reliably and is designed to meet the throughput and latency mandates for TCH Real-time Payments and other schemes with similar performance requirements.

By providing a single solution for a wide range of payment types, Financial Transaction Manager Enterprise for z/OS can help provide the following benefits to financial institutions:

- A more complete solution that offers multiple payments types through a single payments processing system
- Elimination of disconnected legacy payment systems
- More attractive pricing
- Reduced time-to-market for new customer-facing services
- Improved operational efficiency
- A faster learning curve for employees
- A single point of services and support
- Ability to see, report, and analyze activity across payment channels

The ability to run ACH and Immediate Payments workloads on IBM Z hardware and the z/OS operating system can help provide the following additional benefits:

- Fast, predictable response time
- Seamless scalability to accommodate unpredictable spikes in demand
- Continuous availability
- High levels of security, including pervasive encryption

In addition, financial institutions that have Financial Transaction Manager Enterprise can now take advantage of Payments Pricing Solution for z/OS. This pricing solution provides pricing flexibility with a per-payment pricing option for payment workloads on z/OS environments. Payments Pricing Solution for z/OS enables operational cost to be tied directly to business value by basing the price of the solution on the number of production payments that are processed, rather than capacity that is used to process them.

**Key prerequisites**

IBM Financial Transaction Manager for z/OS, V3.0 is a prerequisite for Financial Transaction Manager Enterprise for z/OS, V3.0.

For additional information, see the Technical information section.

**Planned availability date**

October 13, 2017: Physical media

**Description**

**Enterprise solution**
Financial Transaction Manager Enterprise for z/OS, V3.0, a new offering, brings together capabilities that were previously available within the following five offerings:

- IBM Financial Transaction Manager for ACH Services for z/OS, V3.0.4 (including Immediate Payments)
- IBM Financial Transaction Manager for Corporate Payment Services for z/OS, V3.0.4
- IBM Financial Transaction Manager for SEPA Services for z/OS, V3.0.0
- IBM Financial Transaction Manager for UK Payments Integration z/OS, V3.0.0
- IBM Financial Transaction Manager for SWIFT Services for z/OS, V3.0.0

By offering a more complete solution with multiple payments types through a single payments processing system, financial institutions can eliminate disparate, disconnected legacy payment systems.

The solution is priced so that the initial purchase price can be less than purchasing similar capabilities separately. In addition, ongoing costs can be decreased through improved operational efficiencies, resulting from having a single consistent solution, supported by a single point of services and support.

Having a single payments solution can also offer a faster learning curve for employees and enables reduced time-to-market for new customer-facing services. The ability to see, report, and analyze activity across payment channels can result in more efficient internal operations, and provide opportunities to offer new and innovative services to a financial institution's customers.

**ACH and Immediate Payments Service**

ACH and Immediate Payment Service supports not only the NACHA payments network but also the scheme standards from The Clearing House (TCH) through an ISO 20022-compliant platform that can easily be extended to support the Zelle payments network, the European Banking Association (EBA), and other immediate payment initiatives. Financial Transaction Manager Enterprise for z/OS allows financial institutions to provide immediate payment features and functions to their customers, and to help leverage their investment in the Financial Transaction Manager suite. Financial Transaction Manager Enterprise V3.0 can help financial institutions stay current with scheme modifications as payment schemes evolve.

Immediate payments processing capabilities:

- Provides a new payment rail that supports immediate payments as a new payments alternative
- Delivers a payments solution designed to comply with TCH Real-time Payments system’s inbound and outbound use cases 1, 2, and 3
- Offers the capability to be extended to help support the Zelle payments network, pan-European instant payments, and other country-specific or regional immediate payment schemes
- Provides APIs to support many legacy payment applications and services for other payment types through the Financial Transaction Manager Internal Standard Format (ISF)
- Delivers ability to integrate with anti-fraud capabilities
- Supports ISO 20022 payment message APIs for adding messages to the immediate payments message stream and receiving corresponding notification of transaction results
- Offers the ability to participate in pilot phases for existing and new payment schemes as these new schemes are rolled out
- Delivers the ability to achieve business insights into the message warehouse data by using IBM Cognos® Business Intelligence
- Includes both an administration and operations GUI through Financial Transaction Manager
ACH transaction processing capabilities

- Supports receiving and sending files in accordance with the NACHA 2014 operating rules (includes all SEC codes)
- Delivers reference implementations for NACHA file origination and receipt
- Has transaction routing and delivery rules for ACH processors, including direct sends from one financial institution to another
- Includes administration capabilities for partner on-boarding and maintenance
- Delivers process management for operational control and system monitoring
- Helps with ACH payment receipt capabilities, including control total matching, authorization, NACHA rules compliance validation, and Notification of Change (NOC) and Death Notification Entry (DNE) management
- Contains ACH payment processing capabilities, including risk services, customer billing for products and services, generation of accounting entries, inbound and outbound returns, and accounts receivable check conversion services
- Handles exception management of files, batches, and transactions
- Can manage warehousing of future dated work
- Contains reporting and extracts for financial institutions and their customers
- Includes data retention of processed transactions
- Includes documentation for the ACH implementation

Benefits:

- Rapidly introduce an immediate payments offering to the financial institution's customers
- Allows financial institutions to participate in immediate payment scheme pilots
- Able to process high volumes of financial messages reliably
- Is designed to meet the throughput and latency mandates for TCH Real-time Payments and other schemes with similar performance requirements
- Helps financial institutions to remain competitive in the marketplace
- Enables financial institutions to offer a faster payments product that meets their business needs and their customer's service level agreements (SLAs)
- Provides APIs to legacy applications and services
- Offers cost reduction and increased revenue opportunities through new and improved payment services
- Provides a modern platform to meet ACH and immediate payment processing challenges
- Helps address customer's demand for near real-time processing and information access
- Helps improve risk management and assists with organizations' compliance obligations through improved visibility to payment transactions across multiple payment channels
- Has prebuilt support for processing North American ACH payments in to and out of the Financial Transaction Manager internal standard format
- Delivers prebuilt message flows to manage ACH related interactions with a clearing and settlement mechanism
- Is able to execute, monitor, audit, and track ACH payments
- Provides transparency across ACH processing
- Increases ability to enable straight through processing for real-time or near real-time ACH payments
- Provides a robust and scalable environment to process large volumes of ACH payments
- Allows for easier adoption of ACH Rule updates
- Enables new customer services, such as deposit and exception notification with improved visibility and self-service
- Provides confidence that the financial institution's offering meets performance requirements
• Provides better understanding of payment trends and patterns
• Can easily segment payment usage and billing
• Provides anti-fraud integration to instill confidence for both the bank and its customers
• Provides a product offering that meets regulatory requirements

**Corporate Payment Services**

Corporate Payment Services include prebuilt support for processing corporate payment transactions. It leverages the capabilities of Financial Transaction Manager for z/OS, including utilizing the robust and scalable platform to handle large volumes of corporate payment transactions. It also introduces a rich new set of payment services and capabilities ranging from customer on-boarding to transaction receipt, transaction management, transaction distribution, with overall financial governance, and an operational user interface.

Corporate Payment Services core capabilities:

• Transaction services, providing configuration and management services for financial institution customers, products, add-on services, and a library of capabilities, including business day management, a services framework, robust APIs, and an operational user interface
• Gateway services, providing entitlement, duplicate checking, transmission attribute, and expected delivery validation
• Distribution services, providing financial transmission batching, scheduling, remapping, and transmission delivery
• Settlement account services, providing overall financial totaling and governance
• Documentation for the corporate payments implementation
• Email notifications
• Aliases
• Administration capabilities for partner on-boarding and maintenance
• Process management for operational control and system monitoring
• Control total matching and authorization
• Risk services, customer billing for products and services, and generation of accounting entries
• Exception management of files, batches, and transactions
• Warehousing of future dated work
• Reporting and extracts for financial institutions and their customer

Key benefits:

• Provides robust financial institution customer and entitlement configuration
• Provides product and add-on service configuration
• Enables business day context and boundary for transactions for financial governance and balancing
• Increases visibility and management of payment processing through an extensive operational user interface
• Provides access to system information through a robust API
• Is able to develop, register, schedule, and manage short running tasks, such as reports and extracts through a services framework
• Provides tracking services to monitor expected events, such as inbound and outbound deliveries with alerting for missed deadlines
• Enables transmission and transaction validation, including duplicate checking, authorized delivery, attribute validation, and entitlement validation
• Includes online receipt, distribution, and extract service performance monitoring
• Has robust logging and alerts
• Enables financial institution customer acknowledgments with detailed validation results
• Provides financial institution customer transmission delivery scheduling based on multiple cutoffs and deadlines throughout the business day
• Enables threshold-based transmission delivery based on transmission value, size, or number of payments
• Provides ability to manually release transmissions and alternate destination remapping
• Provides ability to configure replica destinations for outbound transmissions as well as null file transmission delivery for specific financial institution customers
• Provides end-of-business day processing, including database purge of historical records
• Provides summary totals for inbound accepted transmissions and outbound transmissions
• Includes totals for inbound transmissions by individual partners and for outbound transit and on USA payments by destination
• Includes pending totals for work that is expected to be sent

SEPA Services

SEPA Services include prebuilt support for processing SEPA transactions. The SEPA feature helps enable financial institutions to comply with SEPA rules and offers SEPA Credit Transfer (SCT) and SEPA Direct Debit (SDD) capabilities to the financial institution customers. It enables financial institutions to leverage the capabilities of Financial Transaction Manager, including utilizing this robust and scalable platform to handle large volumes of SEPA transactions, allowing for full traceability and control of SEPA transactions.

SEPA Services core capabilities:

• Predefined message transformation from SEPA ISO 20022 formats in to and out of the Financial Transaction Manager internal standard format.
• A reference implementation model demonstrating interactions with the Euro Banking Association (EBA) STEP2 clearing and settlement mechanism. This includes bulking and sending payment files on their value date, receipt of verification files, receipt of daily reconciliation reports, receipt of incoming payments, and receipt of requests for recall.
• Customer-to-bank message flows, including SCT and SDD support.
• Message validation and acknowledgement.
• EBA simulation support.
• Simulation of SEPA message customer receipt and validation.
• Flexibility for customer’s SCT message formatting and bulking.
• Documentation for the SEPA implementation.

Key benefits:

• Has prebuilt message mappers for SEPA payments in to and out of the Financial Transaction Manager internal standard format.
• Delivers prebuilt message flows to manage SEPA related interactions with a clearing and settlement mechanism
• Is able to execute, monitor, audit, and track SEPA payments
• Provides transparency across SEPA processing
• Increases ability to enable straight through processing for SEPA payments
• Provides a robust and scalable environment to process large volumes of SEPA payments
• Allows for easier adoption of SEPA updates
• Enables the financial institution customer to simulate EBA exchange, and customer receipt and validation to reduce risk prior to the start of production

UK Payments Integration
UK Payments Integration provides UK payment scheme mappers to help financial institutions quickly enable processing of UK payments through the modern, automated, Financial Transaction Manager payments platform.

UK Payments Integration core capabilities:

- Prebuilt maps into and from IBM Financial Transaction Manager ISF.
- Scheme mappers that cover Bankers' Automated Clearing Services (BACS) for UK Automated Clearing House (ACH) payments, Clearing House Automated Payment System (CHAPS) for UK Real Time Gross Settlement, and UK Faster Payments Service (FPS).

Key benefits

- Provides prebuilt integration for UK Payment Schemes (BACS, CHAPS, FPS)
- Increases visibility and management of payment processing through an extensive operational user interface
- Provides access to system information through a robust API
- Is able to develop, register, schedule, and manage short running tasks, such as reports and extracts, through a services framework
- Provides tracking services to monitor expected events, such as inbound and outbound deliveries with alerting for missed deadlines
- Has robust logging and alerts
- Enables threshold-based transmission delivery based on transmission value, size, or number of payments
- Provides ability to manually release transmissions and alternate destination remapping
- Provides ability to configure replica destinations for outbound transmissions as well as null file transmission delivery for specific customers

SWIFT Services

SWIFT Services include support for the latest SWIFTNet standards, along with FIN, InterAct, and FileAct services, that exploit the most current functions of SWIFTNet. Additionally, it includes an integral Relationship Management Application for use with the SWIFTNet services FIN, InterAct, and FileAct. It also enables business insight into the message warehouse data based on Cognos Business Intelligence and infrastructure monitoring based on the Java™ Management Extensions (JMX) standard.

Financial Transaction Manager Enterprise SWIFT services are fully compatible with IBM WebSphere® Business Integration for Financial Networks. A migration guide is available to help migrate IBM WebSphere Business Integration for Financial Networks customization, configuration, and runtime data for use in Financial Transaction Manager for SWIFT Services. Application programs written by using the WebSphere Business Integration for Financial Networks published interfaces, run unchanged.

SWIFT Services include the following capabilities:

- SWIFT-certified messaging interfaces for SWIFTNet FIN, InterAct, and FileAct
  - Supports SWIFT FIN and SWIFT Standards XML (MX) messages, including their yearly standards updates.
  - Offers in-house exchange of SWIFT FIN messages transparent to business applications for reduced costs.
- A SWIFT-certified Relationship Management application
  - Includes a public interface to access the Relationship Management datastore from organization's applications.
- Message Management functionality for the full set of SWIFT defined financial message types
- Offers browser-based and flexible manual entry and repair facility for SWIFT FIN and MX messages.
- Provides flexible routing capabilities that can be based on message content and associated information.
- Allows validation of messages for SWIFT FIN and MX messages.
- Includes a configurable printing service.
- Aids compliance with regulations by supporting configurable auditing.
- Allows importing and exporting of SWIFT FIN messages using the Sequential Data Facility.

- **Business insights on demand**
  - Offers predefined reports based on Cognos Business Intelligence.
  - Can generate custom reports or adapt predefined reports with Cognos Business Intelligence.
  - Supports both integrated and stand-alone use of IBM Cognos Business Intelligence for Financial Transaction Manager for SWIFT Services data.

- **An administrative and operational GUI**
  - Includes a command console.
  - Offers event monitoring.
  - Enables operation of FIN Logical Terminal sessions.
  - Provides printing administration.
  - Enables administration of security definitions for the Message Entry and Repair and the relationship management application.
  - Includes reference data administration capabilities.

**IBM Z**

The ability to run ACH and Immediate Payments workloads on IBM Z hardware and z/OS operating system can help to satisfy the following demands:

- Fast, predictable response time
- Seamless scalability to accommodate unpredictable spikes in demand
- Continuous availability
- High levels of security

Financial Transaction Manager Enterprise for z/OS leverages the business resiliency and the continuous access to data provided by the following IBM Z technology:

- **Parallel Sysplex**, which allows multiple z/OS partitions, on the same machine or different machines, to be clustered and operate as a single logical server
- **IBM Db2 data sharing**, which is a technique whereby multiple images of a system, either on the same server, in the same site, or in multiple sites, have direct access to the same physical datastore (Db2). Db2 data sharing improves the availability of Db2 data, extends the processing capacity of the system, provides more flexible ways to configure the environment, and increases transaction rates.
- **MQ Shared Queues**, which is a type of local queue in which persistent or nonpersistent messages on that queue can be accessed by one or more queue managers identified to the Parallel Sysplex. Shared queues provide a higher level of availability, scalability, and workload balancing.
- **Geographically Dispersed Parallel Sysplex** (GDPS), which is the primary disaster recovery and continuous availability solution for a multisite enterprise. GDPS automatically mirrors critical data and efficiently balances workload between the sites.

This new pricing model allows financial institutions to utilize the strengths of IBM Z and, at the same time, pay on a monthly basis for the actual number of production payments processed. It does not replace the existing pricing for Financial
Transaction Manager and associated software programs, but provides an additional commercial model to be utilized.

Payments Pricing Solution for z/OS enables the per-payment pricing model on the z/OS operating system and requires that the financial institution makes an upfront purchase of a license for Financial Transaction Manager. Financial institutions are invoiced monthly for the number of production payments that are processed. The per-payment price provides the usage entitlement for the following z/OS software when used in conjunction with Financial Transaction Manager:

- z/OS, V2.1, or later
- IBM MQ for z/OS, V9.0, or later
- IBM Db2 for z/OS, V11.1, or later
- IBM Operational Decision Manager Standard for z/OS, V8.9, or later

**Accessibility by people with disabilities**

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the [IBM Accessibility](https://www.ibm.com) website.

**Section 508 of the US Rehabilitation Act**

Financial Transaction Manager Enterprise for z/OS, V3.0 is capable as of October 13, 2017, when used in accordance with IBM’s associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be found on the [IBM Accessibility](https://www.ibm.com) website.

**Product positioning**

Financial Transaction Manager Enterprise provides a set of preintegrated products, built on a highly scalable platform, to gain visibility and control of all payment transactions, manage liquidity, balance financial risk, and facilitate effective financial planning and performance management. Financial Transaction Manager Enterprise provides the ability to manage and monitor messaging traffic, reduce integration complexity, and increase performance, scale, and reliability in the financial transactions processing.

Financial Transaction Manager Enterprise meets payment processing requirements through a prebuilt and tested offering, including support for SEPA Credit Transfer and Direct Debit, UK Faster Payments, SWIFT messages, NACHA payments, and The Clearing House (TCH) Real-time Payments. It also positions financial institution with the ability to introduce new ISO 20022 immediate payment schemes, such as the Zelle payments network and pan-European instant payments as they are introduced domestically or regionally around the globe.

Financial institutions need to connect to one or multiple immediate payments schemes domestically or regionally and provide seamless integration to back-end business applications in order to:

- Originate and receive payments and financial messages in accordance with the scheme mandates.
- Provide APIs to the legacy application and services.
- Meet scheme throughput and latency requirements.
- Provide a deeper understanding of payment trends, patterns, and customer exceptions.
- Provide insights on the bank’s and customer's usage of the immediate payment service to rapidly adjust delivery options.
- Integrate with anti-fraud capabilities to instill confidence.
• Provide dynamic visibility to analytic dashboards to assess value from individual customer, customer segment, and payment data to better understand your customer’s behavior, trends, and patterns.

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBMid).

BP Attachment for Announcement Letter 217-472

Reference information

For information about IBM Financial Transaction Manager for z/OS, V3.0, IBM Financial Transaction Manager for Corporate Payment Services for z/OS, V3.0, IBM Financial Transaction Manager for SEPA Services for z/OS, V3.0, and IBM Financial Transaction Manager for UK Payments Integration for z/OS, V3.0, go to

• Software Announcement 214-508, dated December 9, 2014.

Program number

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Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers can be found on IBM authorized training website.

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Offering Information

Product information is available on the IBM Offering Information website.

Publications

Financial Transaction Manager for z/OS documentation can be accessed in IBM Knowledge Center, the home for IBM product documentation. You can customize IBM Knowledge Center to create a collection of documents that include the technologies, products, and versions that you select.
**Services**

**Software Services**

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

**Technical information**

**Specified operating environment**

**Hardware requirements**

Hardware must be compatible with and capable of running a supported operating system, corresponding software, and associated applications.

For Financial Transaction Manager for ACH Services for z/OS, V3.0.4 (including Immediate Payments), Financial Transaction Manager for Corporate Payment Services for z/OS, V3.0.4, Financial Transaction Manager for SEPA Services for z/OS, V3.0.0, and Financial Transaction Manager for UK Payments Integration for z/OS, V3.0.0

Operating system software:

- Runtime server
  - IBM z/OS V1.13
  - IBM z/OS V2.1
- Developer workstation
  - Microsoft® Windows®

For Financial Transaction Manager for SWIFT Services V3.0

Operating system software:

- Runtime server
  - z/OS V1.13
  - z/OS V2.1
- Developer workstation
  - Windows
  - Linux®
- Browser
  - Any operating system supported by the browser
- Application server
  - Windows
  - AIX®
  - Solaris
  - Linux
- SWIFT Alliance Gateway (SAG)
– Windows Server 2012 R2
– IBM AIX V7.1 TL3
– Solaris 11

For the latest system requirements, see the Detailed hardware and software requirements for IBM Financial Transaction Manager offerings website.

**Software requirements**

For Financial Transaction Manager for ACH Services for z/OS, V3.0.4 (including Immediate Payments), Financial Transaction Manager for Corporate Payment Services for z/OS, V3.0.4, Financial Transaction Manager for SEPA Services for z/OS, V3.0.0, and Financial Transaction Manager for UK Payments Integration for z/OS, V3.0.0, other software, in addition to the operating system software, listed in the Hardware requirements section:

- IBM Integration Bus for z/OS, V9.0
- IBM MQ for z/OS, V8.0
- IBM Db2(R) for z/OS, 10.1
- IBM WebSphere(R) Application Server for z/OS, V8.5 Enhancements (8.5.5)
- Cognos(R) Business Intelligence V10.2 (for optional reporting support)
- IBM Integration Designer V8.5.5
- IBM Business Monitor V8.5 (for optional dashboard support)

For Financial Transaction Manager for SWIFT Services V3.0, in addition to the operating system software, listed in the Hardware requirements section

- Runtime server
  - Integration Bus V9.0.0.3
  - IBM MQ V8.0.0.3
  - IBM Db2 Enterprise Server Edition 10.1.0.4
  - IBM Runtime Environment, Java™ Technology Edition V7.0 SP9 FP1
  - IBM Installation Manager V1.8.3
  - Cognos Business Intelligence V10.2.1 (only required when using reporting)
- Developer workstation
  - Integration Bus V9.0.0.3 (Toolkit component only)
- Browser
  - Mozilla Firefox ESR 38 or Microsoft Internet Explorer 11
- Application server
  - IBM WebSphere Application Server V8.5.5.6
- SWIFT Alliance Gateway (required only when using SWIFTNet FIN, InterAct, or FileAct services)
  - SWIFT Alliance Gateway 7.0.40
  - IBM Runtime Environment, Java Technology Edition 8 (SAG Add-On component on AIX) or Oracle Java Runtime Environment 8 (SAG Add-On component on Windows or Solaris)
  - IBM MQ 8 Client (SAG Add-On component)
  - IBM XL C/C++ Enterprise Edition for AIX V13.1 Runtime Environment (SAG Add-On component on AIX)

Financial Transaction Manager for z/OS, V3.0 is a prerequisite for Financial Transaction Manager Enterprise for z/OS, V3.0.

For more information about system requirements, see the Detailed hardware and software requirements for IBM Financial Transaction Manager offerings website.
Planning information

Packaging

- 3590 tape that contains Financial Transaction Manager Enterprise for z/OS, V3.0
- IBM Financial Transaction Manager Enterprise for z/OS Program Directory V3.0.0 (G113-4357-00)

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

Financial Transaction Manager Enterprise for z/OS uses the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

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For additional details about charge metrics, refer to the license information for Financial Transaction Manager for Immediate Payments for z/OS on the IBM Software License Agreement website.

Virtual Server

Virtual Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. A virtual server is either a virtual computer created by partitioning the resources available to a physical server or an unpartitioned physical server. Licensee must obtain Virtual Server entitlements for each virtual server made available to the program, regardless of the number of processor cores in the virtual server or the number of copies of the program on the virtual server. When determining the number of Virtual Server entitlements required for licensee's installation or use of the program, the installation or use of the program when used for development and unit testing on single user machines are not taken into consideration.

Basic license

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program PID: 5655-FTG

Program name: IBM Financial Transaction Manager Enterprise for z/OS
### Entitlement identifier | Description | License option/Pricing metric
---|---|---
S01881H | IBM Financial Transaction Manager Enterprise for z/OS V3.0 | Basic OTC, per Virtual Server

**Orderable supply ID** | **Language** | **Distribution medium**
---|---|---
S01881J | English US | 1/2-inch Data Cartridge, IBM 3590, 30 GB, 128 Track

**Subscription and Support PID: 5655-FTH**

**Program name:** IBM Financial Transaction Manager Enterprise for z/OS S&S

### Entitlement identifier | Description | License option/Pricing metric
---|---|---
S01881L | IBM Financial Transaction Manager Enterprise for z/OS S&S | Basic ASC, per Virtual Server, SW S&S, No charge decline SW S&S

**Orderable supply ID** | **Language** | **Distribution medium**
---|---|---
S01881M | English US | Hardcopy pub

**Customized Offerings**

Product deliverables are shipped only through CBPDO and ServerPac. These customized offerings are offered for internet delivery in countries where Shopz product ordering is available. Internet delivery reduces software delivery time and allows you to install software without the need to handle tapes. For more details on Internet delivery, go to the Help section on the Shopz website.

You choose the delivery method when you order the software. IBM recommends internet delivery. In addition to internet and DVD, the supported tape delivery options include:
- 3590
- 3592

Most products can be ordered in ServerPac the month following their availability in CBPDO. z/OS can be ordered through CBPDO and ServerPac at general availability. Many products will also be orderable in a Product ServerPac without also having to order the z/OS operating system or subsystem.

Shopz and CFSW will determine the eligibility based on product requisite checking. For more details on the product ServerPac, go to the Help section on the Shopz website.

For additional information about the Product ServerPac option, refer to Software Announcement 212-272, dated July 31, 2012.

Production of software product orders will begin on the planned general availability date.
- CBPDO shipments will begin one week after general availability.
- ServerPac shipments will begin four weeks after general availability.

**Terms and conditions**

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM
International Program License Agreement, IBM International Passport Advantage® Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

**Licensing**

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

**Agreement for Acquisition of Software Maintenance**

The following agreement applies for Software Subscription and Support (Software Maintenance) and does not require customer signatures:

- IBM Agreement for Acquisition of Software Maintenance (Z125-6011)

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect. IBM z Systems® Operational Support Services - SoftwareXcel is an option if you desire added services.

**License Information number**

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<th>Product name</th>
<th>License ID</th>
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See the License Information documents page on the IBM Software License Agreement website for more information.

**Limited warranty applies**

Yes

**Limited warranty**

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.
IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the IBM Software Support Handbook.

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

**Program technical support**

Technical support of a program product version or release will be available for a minimum of two years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect.

This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, through an announcement letter, of discontinuance of support with 12 months’ notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

For additional information on the IBM Software Support Lifecycle Policy, see the IBM Software Support Lifecycle Policy website.

**Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

**Volume orders (IVO)**

No

**Passport Advantage applies**

No

**Software Subscription and Support applies**

Yes. During the Software Subscription and Support period, for the unmodified portion of a program, and to the extent problems can be recreated in the specified operating environment, IBM will provide the following:

- Defect correction information, a restriction, or a bypass.
- Program updates: Periodic releases of collections of code corrections, fixes, functional enhancements and new versions and releases to the program and documentation.
- Technical assistance: A reasonable amount of remote assistance by telephone or electronically to address suspected program defects. Technical assistance is available from the IBM support center in the organization’s geography.
Additional details regarding Technical Assistance, which includes IBM contact information, are provided in the IBM Software Support Handbook.

Software Subscription and Support does not include assistance for:

- The design and development of applications.
- Your use of programs in other than their specified operating environment.
- Failures caused by products for which IBM is not responsible under the IBM Agreement for Acquisition of Software Maintenance.

Software Subscription and Support is provided only if the program is within its support timeframe as specified in the Software Support Lifecycle policy for the program.

For operating system software, the revised IBM Operational Support Services - SoftwareXcel offering will provide support for those operating systems and associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

This will ensure total support coverage for your enterprise needs, including IBM and selected non-IBM products. For complete lists of products supported under both the current and revised offering, go to the Supported product list website.

**IBM Operational Support Services - SoftwareXcel**

No

**Variable charges apply**

No

**Educational allowance available**

Yes. A 15% education allowance applies to qualified education institution customers.

**Multi-Version Measurement**

Multi-Version Measurement (MVM) replaces the previously announced Migration Grace Period time limit of six months and allows unlimited time for clients to run more than one eligible version of a software program. Clients may run multiple versions of a program simultaneously for an unlimited duration during a program version upgrade. Clients may also choose to run multiple versions of a program simultaneously for an unlimited duration in a production environment. MVM does not extend support dates for programs withdrawn from service.

For more information about MVM, including requirements for qualification, see the MVM web page. For a list of eligible programs, see the IPLA Execution-Based web page.

**Statement of good security practices**

IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which
will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

**Important:** IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

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**Prices**

Information on charges is available on the [IBM Support Portal](#) website.

Choose the option entitled Purchase/upgrade tools.

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**Corrections**

*(Corrected on October 24, 2017)*

Updated Description and Publication sections