

UPU-IP and IFS Cloud comparison

December 2020

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Operational Systems Overview

1. PPS systems overview
2. UPU-IP
3. IFS

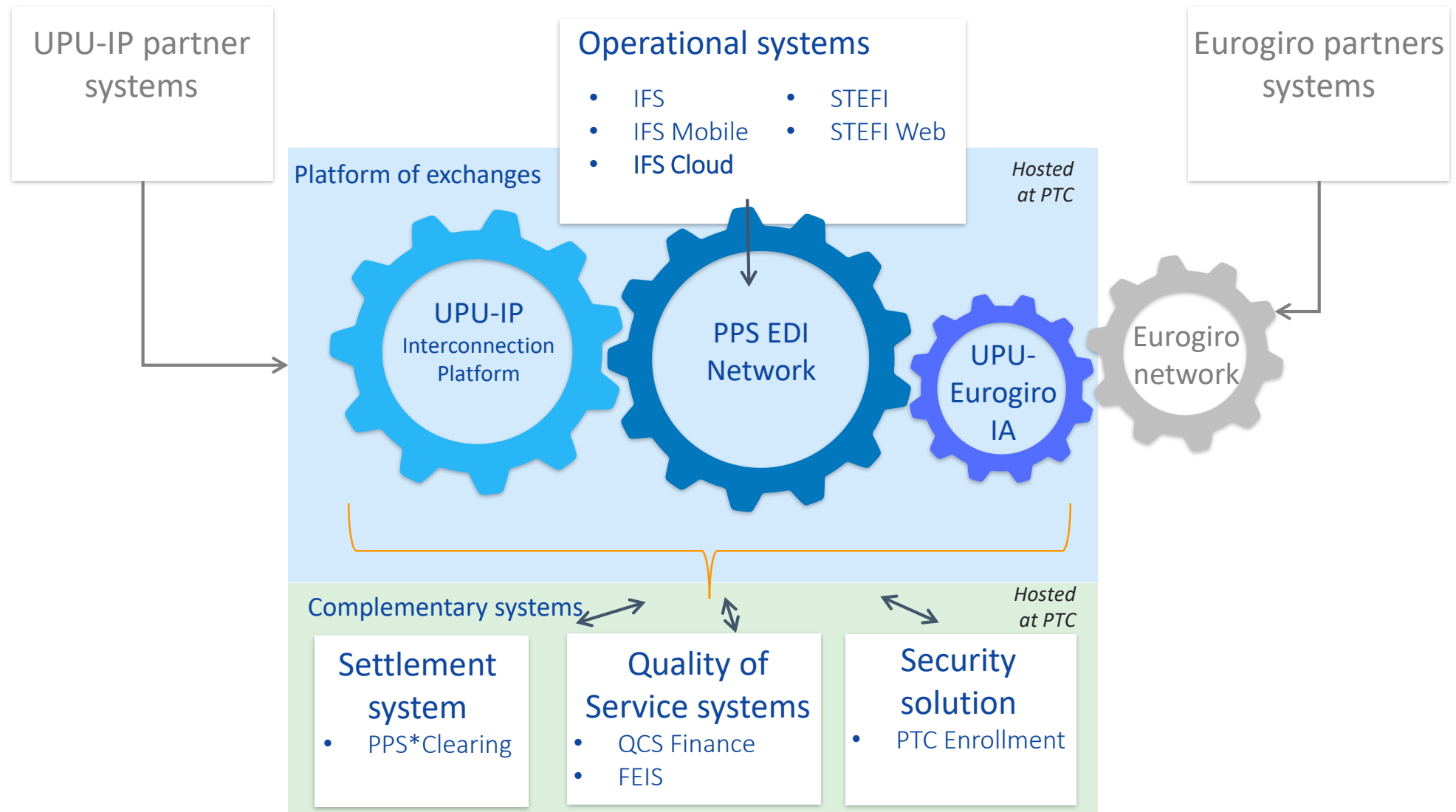
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Systems Features Comparison

1. UPU-IP and IFS Cloud comparison



Current PPS systems overview



PPS Systems Production Releases



PPS OPERATIONAL SYSTEMS

IFS | INTERNATIONAL FINANCIAL SYSTEM

Version 4.50.006

12.10.2020

IFScLOUD | INTERNATIONAL FINANCIAL SYSTEM CLOUD

Version 4.50.006

12.10.2020

CMS | CASH MANAGEMENT SYSTEM

Version 1.01.001

16.01.2017



INTER-CONNECTION SYSTEMS

STEFI | SECURED TRANSFER OF ELECTRONIC FINANCIAL INFORMATION

Version 1.52.016

01.07.2016

STEFI WEB SERVICE

Version 2.01.000

14.02.2018

BAMS | BILATERAL AGREEMENT MANAGEMENT SYSTEM

Version 1.00.000

05.09.2018

UPU Interconnection Platform

Version 1.01.07

22.10.2020

UPU-Eurogiro IA

Version 2.00.009

06.01.2012



CLEARING

PPS*Clearing

Version 2.20.029

03.11.2020



QUALITY OF SERVICES SOLUTIONS

QCS Finance BigData | QUALITY CONTROL SYSTEM

Version 1.00.000

17.06.2019

FEIS | FINANCIAL ELECTRONIC INQUIRY SYSTEM

Version 1.00.000

10.01.2018



SECURITY SOLUTIONS

PTC Enrollment

Version 2.01.000

25.08.2020

PTC Enroll Mobile App

Version 2.01.000

25.08.2020

UPU-Interconnection Platform

Key Features

Centralized system

- Switch for **real-time** message routing
- **Repository** of all payments, **unique** reference in case of discrepancy between connected Posts and partners
- **Central management** of bilateral agreements in BAMS

Urgent (instant) service with Web services solution

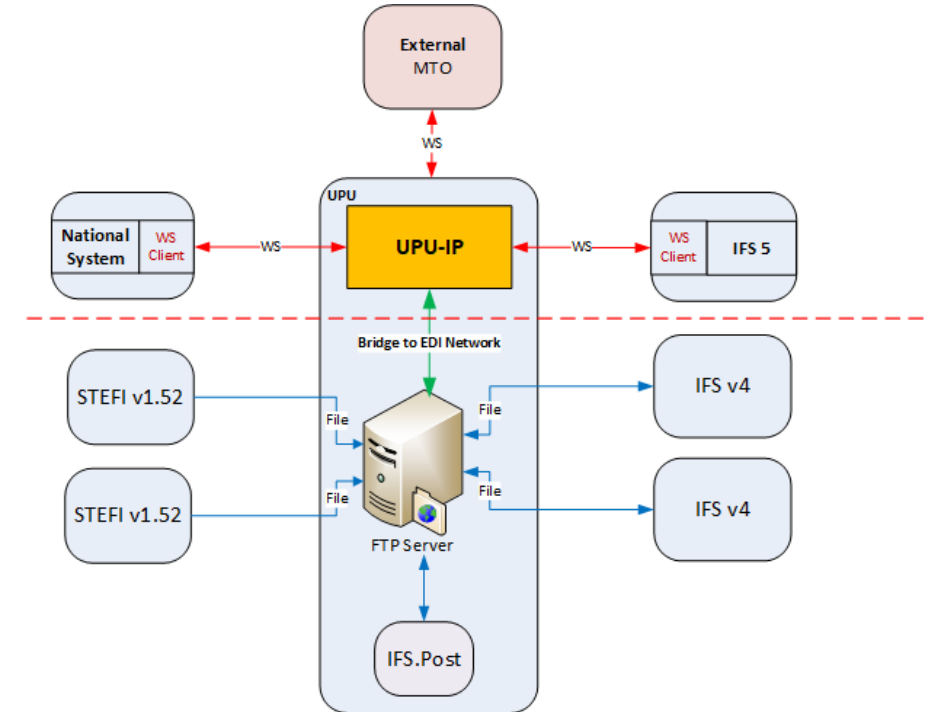
- Real-time communication
- **Synchronous** protocol for urgent international postal payment services

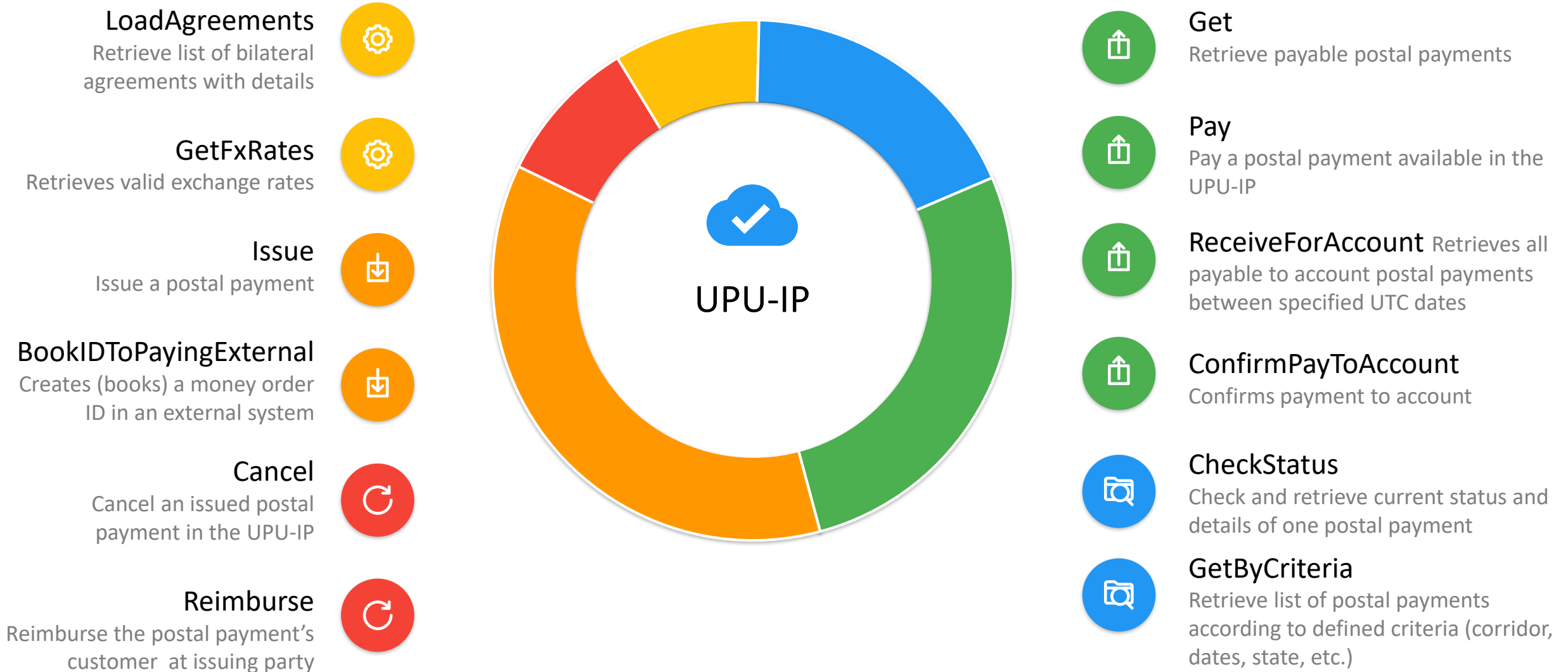
Payment anywhere facility

- **Client decides** at Post, at a sub-agent of the Post, or at another agent

One-Time connection

- Only **one integration** of further external partners or MTOs to UPU-IP for every Post





Operational system for international and domestic postal payments management

— International postal payments

- Follow by default UPU **Postal Payment Services Agreement (PPSA)**
- Exchange postal payments details with Designated Operators (DO) according to the established **UPU EDI standard (M38)**
- Support of the different products for **remittances** (OR - cash to cash) and **other products** when the DO integrates with bank accounts (OT - cash to account, IN - account to cash and GT - account to account)
- Corridor exchanges tailored according to partners process thanks to **bilateral agreement** definition
- Cash on delivery (COD) compatible

— Domestic postal payments

- Support same products than international, but fully **customizable** to propose various products to customer thanks to the definition of **multiple service agreements** according to national processes
- **Integration with DO** system or local DO partners **systems** with API



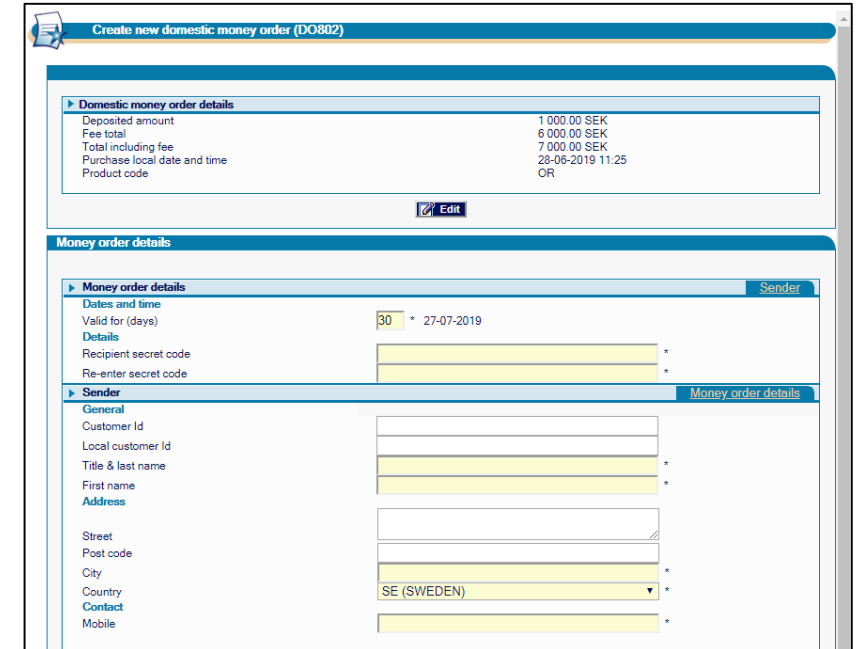
Multiple components (1/3)

— Front office features to perform basic postal payment operations

- Emission, payment, reimbursement and tracking with automated customer fees calculations
- Customer receipts (letter, customized print format or SMS)
- Office and user **cash management** follow up
- Web site or android mobile user interfaces

— Back office features

- Postal payment **exceptions operations**: cancellation management, secret code unlocking, payment impossible declaration, expiration (individual or batch treatments)
- **Notifications** management (notification letters or pre-filled postal payment forms according to PPSA)
- **Domestic claims** management
- **Customer database** management



Create new domestic money order (DO802)

Domestic money order details	
Deposited amount	1 000.00 SEK
Fee total	6 000.00 SEK
Total including fee	7 000.00 SEK
Purchase local date and time	28-06-2019 11:25
Product code	OR

Edit

Money order details

Money order details	
Dates and time	
Valid for (days)	30 * 27-07-2019
Details	
Recipient secret code	*
Re-enter secret code	*
Sender	
General	
Customer Id	
Local customer Id	
Title & last name	*
First name	*
Address	
Street	
Post code	
City	
Country	SE (SWEDEN) *
Contact	
Mobile	*

Multiple components (2/3)

— Accounting office features

- **Accounting** reports for internal usage
- Generation of **UPU official international accounting** documents
- **Monitoring** reports for observing postal payment flows and amounts, globally or individually for each destination on the PPS network
- **Cash management** reports: Credit / debit balance, etc
- Automated report subscription

— Business management features

- **DO local services settings** (point of sales, customer limits, working days)
- International and Domestic **services definition** (bilateral and service agreements with associated customer fees and remuneration)
- Currency **exchange rates** management or automatic download from PPS*Clearing

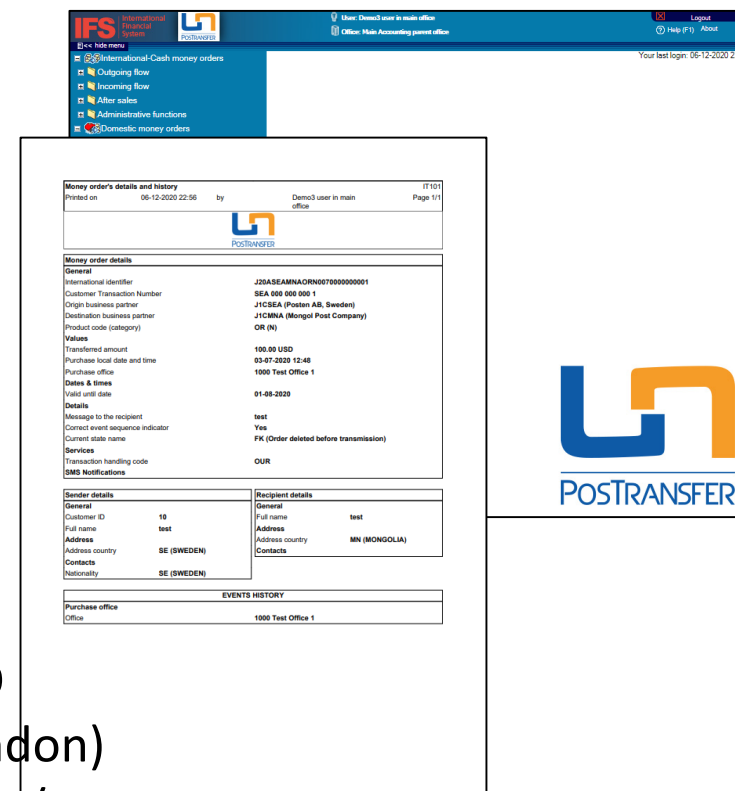
Multiple components (3/3)

— System management features

- **Authorization** (user credentials and privileges) management
- User interface **customization** (incl. report & receipt content customization and appliance of brand header)
- **SMS** provider configuration
- **Archive** database administration tool

— System interoperability

- **Automated IFS service** to automate EDI files exchange with other DO and process automated postal payment operations (expiration, abandon)
- **XML** interface for international and domestic postal payments import / export
- **Web Services** for international and domestic postal payments, customers integration with partner systems
- Built-in **PPS*Clearing** compatibility (automatic exchange rates retrieval, amount conversion and remuneration calculation)



Money order details and history

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Money order details

General	
International identifier	J20ASEAMNAORNO07000000001
Customer Transaction Number	SEA 999 000 000 1
Origin business partner	J1CSEA (Postnet AB, Sweden)
Destination business partner	J1CMNA (Mongol Post Company)
Product code (category)	OR (N)
Values	
Transferred amount	100.00 USD
Purchase local date and time	03-07-2020 12:48
Purchase office	1000 Test Office 1
Dates & times	
Valid until date	01-08-2020
Details	
Message to the recipient	test
Correct event sequence indicator	Yes
Current state name	FK (Order deleted before transmission)
Services	
Transaction handling code	OUR
SMS Notifications	
Sender details	
General	
Customer ID	10
Full name	test
Address	
Address country	SE (SWEDEN)
Contacts	
Nationality	SE (SWEDEN)
Recipient details	
General	
Full name	test
Address	
Address country	MN (MONGOLIA)
Contacts	
EVENTS HISTORY	
Purchase office	
Office	1000 Test Office 1

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UPU-IP & IFS Cloud comparison

Postal payments management core features

	UPU-IP		IFS Cloud / IFS Shared
	Provided by WS API	To be integrated in local DO system	Integrated in IFS
Exchange and validate key events with partner: issue, pay, cancel, reimburse postal payment	●	●	●
Provide post officer user interface: Web site or mobile extension	●	●	●
Provide track and trace of postal payment: local activities (notifications) and shared activities (main events: issue, pay, etc)	●	●	●
Produce notifications and receipts: HTML, PDF or SMS receipt with integrated SMS provider or gateway	●	●	●
Provide reporting module: local and international accounting reports and UPU forms on demand and at defined scheduled	●	●	●
Manage domestic postal payments	●	●	●
Provide customer database management: reload customer details and apply customer limits	●	●	●

UPU-IP & IFS Cloud comparison

Integration features	UPU-IP		IFS Cloud / IFS Shared
	Provided by WS API	To be integrated in local DO system	Integrated in IFS
Configure business bilateral agreements	● <i>Management feature in BAMS & Collection in API</i>	● <i>Only to retrieve configuration</i>	●
Validate postal payment against agreements	●	●	●
Provide PPS*Clearing exchange rates: collect exchange rates	●	● <i>Rates to be integrated and used in system</i>	●
Integrate with PPS*Clearing: push payments to the automated clearing	●	●	●
Support COD postal payments: transmit S10 number and adapt postal payment life cycle to COD	● <i>Only transmit S10</i>	●	●
Provide local system API: Web Services API	●	●	●
Manage authorizations to perform postal payment operations: define offices, users and privileges and report on users' activities	●	●	●

Thank You

Get in touch with us!