



TEMENOS
Payments

Payments Repair

Moving Money Faster

Temenos Payments Repair enables customers to move their money faster by repairing payments automatically without manual intervention, significantly increasing Straight through (STP) processing rates, especially for complicated high value and cross border payment flows.

The solution supports the creation of intelligent repair objects that are easily embedded to run seamlessly within any payment processing environment, Temenos Payments Hub, or any other 3rd party payments hub, or any type of payments processing infrastructure (e.g. middleware, core banking system, payments switch, payments gateway, etc.)

A hand is shown interacting with a digital interface. The background is a warm, orange-toned image of a hand touching a screen. Overlaid on this are several blue and white line-art graphics: a large gear, a smaller gear, a line graph with an upward arrow, and various geometric shapes like squares and circles. The overall theme is technology and digital interaction.

How We Address Your Goals and Challenges?

With the growth in eCommerce and the digitization of banking, electronic payments are increasing in volumes and complexity every day, which has transformed the way domestic and cross border payments are executed. Today SWIFT and ACH payments require accelerated real time execution cycles, coupled with exceptional levels of data and process transparency.

The challenge for banks is to cost effectively maintain a high service level in this new real time era whilst coping with the inherent inconsistency and diversity of payment order data. Exceptions occur all the time where payments cannot be routed successfully without manual intervention, or worse still, they are sent to the wrong destination or beneficiary, both externally and internally.

Banks must develop solutions that enable the required validations and corrections of these exceptions to take place in an automated, near real time manner, in order to reduce:

- the punishing costs of high levels of manual repairing of cross border and domestic payments
- the extremely negative impact it has on customer service levels and thus the reputation and competitiveness of the bank.

What Our Solution Covers

Temenos Payments Repair delivers a suite of functional components that target the 3 distinct aspects of the exception correction process:

- 1 Identification**
The ability to identify where repairs are required, and where repairs could improve processing.
- 2 Creation**
The ability to define, test, and generate data transformation and enrichment rules leveraging specialized Temenos curated knowledge bases.
- 3 Execution**
The ability to generate and seamlessly deploy processing objects into multiple environments for high performance, scalable, and resilient architectures.

This enables organizations to drastically reduce the need for re-keying of data or manual interventions.

The end result is markedly improved straight through processing (STP) rates as payments, especially those following the SWIFT MT or SWIFT MX data models are automatically updated and corrected.



USER COMMUNITY

Unique **knowledge base** accumulated by Tier 1 clients

FINANCIAL DATABASES

BIC+, CHIPS, RIB, others

LEXICONS

Bank – City – Country

BANK SPECIFIC DATA

Patterns, Preferred correspondents

RULE DEFINITION

PAYMENTS REPAIR

Incoming Payment Message

Enriched and Repaired Payment

ADD BIC
and remove
name
address (as
exactly the
same)

```
<CdtrAgt>
  <FinInstnId>
    <Nm>DEMO BANK</Nm>
    <PstlAdr>
      <AdrLine>London</AdrLine>
      <AdrLine>United Kingdom</AdrLine>
    </PstlAdr>
  </FinInstnId>
</CdtrAgt>
```

SWIFT Example: Input field

```
:57D:DEMO BANK
LONDON
UNITED KINGDOM
```

ISO Example, input field

ADD NATID

```
<CdtrAgt>
  <FinInstnId>
    <Nm>DEMO BANK</Nm>
    <PstlAdr>
      <AdrLine>London</AdrLine>
      <AdrLine>United Kingdom</AdrLine>
    </PstlAdr>
  </FinInstnId>
</CdtrAgt>
```

```
<CdtrAgt>
  <FinInstnId>
    <BICFI>DEMOGBXA</BICFI>
  </FinInstnId>
</CdtrAgt>
```

output field

```
:57A:DEMOGBXA
```

output field

```
<CdtrAgt>
  <FinInstnId>
    <ClrSysMmbld>
      <ClrSysId><Cd>GBDSC</Cd></ClrSysId>
      <Mmbld>123456</Mmbld>
    </ClrSysMmbld>
    <Nm>DEMO BANK</Nm>
    <PstlAdr>
      <AdrLine>London</AdrLine>
      <AdrLine>United Kingdom</AdrLine>
    </PstlAdr>
  </FinInstnId>
</CdtrAgt>
```

Features

Temenos Payments Repair has an in-built understanding of the key data fields in a payment transaction that can cause exceptions and mis-routings. The solution enables the targeting of those fields for repair utilizing a range of design tools and reference data points that is managed by the system. The key features include:



Rule Builder

The ability to design repair rules that will be compiled into objects to transform and enrich data to reduce processing exceptions



Pre-built Rules

A set of best practice rules maintained by Temenos that accelerate improvements and elevate a bank's efficiencies



ISO 20022 Data Model Built Rules

Support for all new fields and associated validations



Lexicons

50,000+ Temenos maintained, verified, and proven data points to be used by Rule Builder to reduce errors in routing and addressing



Learn

Machine generated analysis of bank's traffic with suggested improvements and new rules



Statistics

Generation and tracking of payment flows, including change patterns



Restful API

Ability to generate Repair objects to be universally deployed as open, reusable APIs within componentized processing infrastructures

| Benefits

Significant reduction in exceptions on both incoming and outgoing payments generating —

Greater process automation which delivers

- reduced human capital costs
- ability to grow volumes without increasing costs

Greater automation leading to enhanced customer servicing

- delivers improved market reputation
- leading to business growth i.e. more payment orders from existing customers
- easier acquisition of new name customers

Lower processing costs

- including reduced compensation payments to correspondents

Get in Touch

As the market continues to expand and introduce new and more diverse payment rails, as SWIFT cross border migrates to ISO 20022 based standards, banks will continue to fight their costly battles with payment processing exceptions. Temenos Payments Repair will enable any financial institution to not just maintain, but to raise their STP rates in spite of these complex, demanding changes.

To find out more, and elevate your payment processing capabilities, Please get in touch with us at sales@temenos.com

Download Payments Hub Factsheet

temenos.com

About Temenos

Temenos AG (SIX: TEMN) is the world's leader in banking software. Over 3,000 banks across the globe, including 41 of the top 50 banks, rely on Temenos to process both the daily transactions and client interactions of more than 500 million banking customers. Temenos offers cloud-native, cloud-agnostic and AI-driven front office, core banking, payments and fund administration software enabling banks to deliver frictionless, omnichannel customer experiences and gain operational excellence.

Temenos software is proven to enable its top-performing clients to achieve cost-income ratios of 26.8% half the industry average and returns on equity of 29%, three times the industry average. These clients also invest 51% of their IT budget on growth and innovation versus maintenance, which is double the industry average, proving the banks' IT investment is adding tangible value to their business.

For more information, please visit www.temenos.com.





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