



REN

Foundation
CENTRAL BANKING SOLUTIONS

Key Features

REN Data Transformer: Map and transform incoming messages with unlimited elements to any output format in a singular transaction. Includes support for ISO 20022 messages.

Intelligent Switching: Route data based on your custom business rules.

Linear Scalability: Operate with a small footprint in your data center or private cloud. Scales linearly on commodity hardware.

Architecturally Agnostic: Operates with your existing hardware, operating system, and database.

100% Available: Changes and updates are made without taking the system down or the need for idle redundant servers.

Modular Microservices: Isolate business rules, mandates, and other functionality away from core processing in small and easy to manage blocks of code.

REN Foundation provides a modern approach for the demands of today's central bank systems

The modular architecture of the REN™ Foundation was built with the latest development technologies and best practices to provide the scalability and flexibility required by today's complex payments requirements at the world's central banks.

Powerful Processing: REN RTP provides infrastructure

Central banks base their RTP systems on REN RTP. Built from modules of the REN Foundation, REN RTP balances adherence to strict clearing house standards and regulations while meeting consumer expectations for usability, security, and speed.



Built for RTP Processing

REN RTP addresses the key features of account-to-account payment processing in real time with immediate authorization, clearing, settlement, and payer/payee notification functionalities on an always available 24x7 basis.

Go To Market Efficiently

With REN RTP, there is no need to build an RTP system from scratch. REN RTP includes an open API gateway and extensible messaging format that enables it to integrate with existing portals, systems, and protocols.

Rely on Speed and Security

Along with exceptional transaction processing speed, REN RTP enables security to be assigned at infrastructure, interface, messaging, and data element levels.

Stabilize Now, Innovate Forever: REN Foundation powers national switches

Manage the day-to-day operations of participant banks and businesses through an adaptable and secure solution.

The REN Foundation provides technology for national switches in numerous countries including India and Mozambique. These solutions are built with the REN Foundation's retail payments platforms and are capable of meeting a wide range of requirements and regulations imposed by the central bank.

The REN Foundation provides two options:

- A transitional platform for modernization when a legacy system is nearing end of serviceable life,
- Or a new system built from the ground up to accommodate Open Banking initiatives and other payment innovations.

With either option, the REN Foundation provides flexibility and cost effectively scales to unlimited users.

