



FMIs face the challenges of the brave new digital world

As digital innovations rapidly transform the financial landscape, operators of FMIs are facing unprecedented operational and technical challenges. These are caused, among other things, by global harmonization based on ISO 20022 and dealing with new trends such as CBDC (Central Bank Digital Currency) and DLT (Distributed Ledger Technology).

We don't solve all challenges, but we do solve one better than anyone else: **Testing for FMIs**

Unifits has made it its mission to let software handle complex, tedious, and frequently recurring testing tasks to ensure interoperability and operational resilience within FMIs.

Benefits of automated testing for FMIs

- Significant reduction of effort and duration
- Relief of key personnel
- Transparency about the progress of industry testing
- Reduction of operational risks
- Greatly simplified technical onboarding

Three Unifits solutions that build on each other BOP - VIP - TEST ENGINE

CHALLENGES FOR FMIs

Legacy systems to be migrated or replaced.

Higher level of automation and cost efficiency.

Maintaining or increasing the operational resilience.

High degree of parallelism of complex projects.

CAUSE

Global harmonization based on ISO 20022.

Increasing international competition, shortage of key personnel.

Growing risks and IT dependencies as well as a variety of new technologies.

Migration of existing and implementation of new infrastructures, projects around CBDC and DLT.

Our experience from numerous projects show that, depending on the progress of the project, there are different requirements for how testing can best be supported within a financial market infrastructure. To meet these requirements, Unifits has developed three complementary solutions that build on each other.



BANK ONBOARDING PLATFORM (BOP)

Easily accessible and user-friendly portal for unattended Participant testing with a focus on MESSAGE FORMATS.



VIRTUAL PARTICIPANT (VIP)

Automated and autonomous integration testing for Participants with a focus on INTER-OPERABILITY AND

MESSAGE FLOWS.



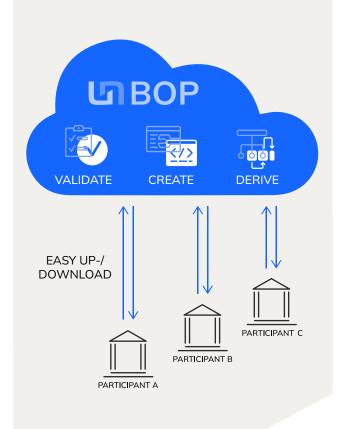
TEST ENGINE

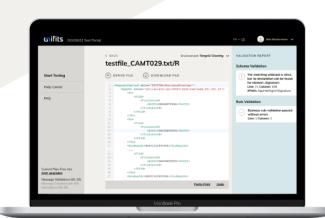
Automated and independent testing for the clearing and settlement system itself.





Bank Onboarding Platform (BOP) Message testing in the cloud – turning complexity into simplicity





The Unifits Bank Onboarding Platform (BOP) significantly simplifies the testing of financial transactions and covers the validation and creation of messages according to the specific Scheme Guidelines.

The solution is cloud-based, available 24/7 and can be deployed within a few days.

BOP Key-Benefits

- Easy to use, no training required
- Smooth access, self-registration possible
- Simple to operate, cloud-native architecture
- Great added value with minimum effort
- All relevant use cases covered in one solution
- Quickly up and running
- Proven by thousands of users

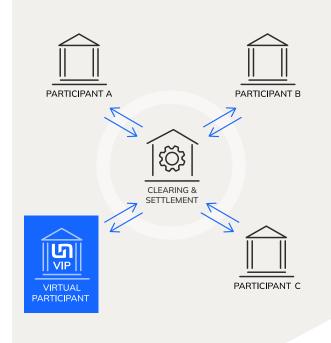








Virtual Participant (VIP) Add the 24/7 available test counterpart to your ecosystem



For the participants, the VIP runs in the background, automatically controlled by parameterized messages.

The Unifits VIP is available around the clock for any real participant of a given market infrastructure and acts as its test partner. Based on parameterized messages, the VIP can create and send any message required by a testing participant without manual intervention.

The VIP greatly simplifies and accelerates the integration testing phase and ensures complete coverage of all message flows.

VIP Key-Benefits

- Participants can independently test all message flows
- No need for manual intervention
- No alignment with any third party required
- No additional effort, as the existing test infrastructure is used
- (Easy to use, no training required
- Full transparency about the industry testing progress
- Availability 24/7

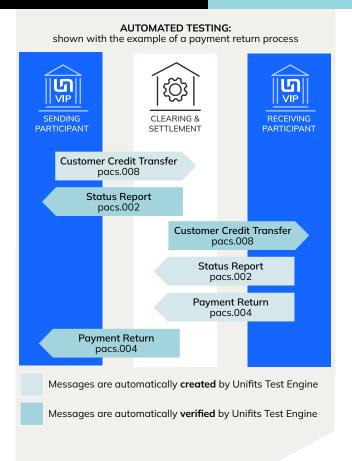


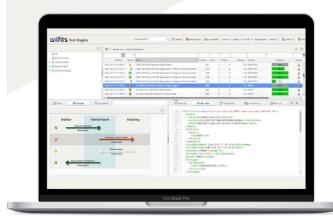




Unifits Test Engine

Automated and repeatable tests for clearing and settlement systems





The Unifits Test Engine is used to test the central clearing and settlement system of a financial market infrastructure. Sending and receiving participants are simulated and thus all message flows can be run automatically and independently of real test partners.

Test Engine Key-Benefits

- All transaction flows of a central clearing and settlement system can be **tested** independently
- Automated and scheduled execution
- Tests can be repeated effortlessly as often as required
- Includes comprehensive and detailed reporting
- No manual updating of transaction data required despite reuse (e.g. timestamps, references, etc.)
- Easy to use with only a view hours of training





TRUSTED BY THE INDUSTRY

We are proud and grateful to work with many renowned international players in the financial industry and are happy to let them speak for themselves.





We needed a cost-effective and feature-rich way for all our participants to consistently test to the test plans and cases provided by the Australian ISO 20022 Industry Migration Program. The Unifits solution meets these requirements very well and we are impressed with the knowledge and professionalism of the Unifits team.







We are pleased to welcome Unifits as a Nacha' Preferred Partner for ISO 20022 Payment Testing Automation. The suite of unique and comprehensive automated testing solutions offered by Unifits allow enterprises and financial institutions to better manage payment testing related to ISO 20022 messages and processes.

TRUSTED BY THE INDUSTRY | CUSTOMER EXAMPLES













START NOW

Let's get started today to ensure the quality and reliability of your market infrastructure with ease.

Benefit from a unique range of solutions that have been proven many times in practice.



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