



MEF Solution Brief

MEF LSO API Onboarding and Interop Test (OIT) Service

OVERVIEW

MEF's LSO API Onboarding and Interop Test (OIT) Service offers an efficient, predictable, and scalable solution that providers can use to test their LSO Sonata implementation and perform interop testing with partners at any time. The solution consists of LSO Sonata buyer and seller software-based emulators hosted on a dedicated public cloud server. MEF OIT Service speeds up testing of companies' own implementations and significantly decreases the time to onboard new partners.

The OIT service moves service providers through the implementation and partner onboarding stages of the LSO Sonata Adoption Lifecycle, including the critical "Develop and Test" and "Production" phases. The end goal? Being production-ready with multiple partners in a significantly abbreviated timeframe.

Available from Amartus, a MEF-Authorized Test and Certification Partner, starting in October 2021, the OIT Service performs the following roles:



LSO SONATA FAMILIARIZATION

Run the buyer and seller emulators with default configurations (test requests/ response and product payloads) to get familiar with LSO Sonata APIs.



IMPLEMENTATION TESTING

Perform self-assessment by testing against MEF's reference implementation of LSO Sonata.



PARTNER INTEROP TESTING

(1) Prepare an emulator configuration to match specific scenarios/ configurations so this can be shared with partners and (2) Load partner-specific configurations shared by partners for interop testing.

Accelerate Your LSO Sonata Implementation

MEF LSO Sonata automates inter-provider business functions such as quote, inventory, ordering, and billing. Recently more than 23 companies indicated they are already in production or intend to be within 9 months with Sonata APIs for inter-provider service automation. The vast majority of these companies have said an onboarding and interop test service is a "must have" to accelerate LSO market adoption.

FEATURES OF MEF OIT SERVICE

Buyer Emulator

- LSO Sonata release support (R4 & Billie)
- Product package onboarding and configuration support
- Product payload builder
- Request template builder
- Test data management
- MEF W92.1 test case support
- Postman™ test tool execution environment

Seller Emulator

- LSO Sonata release support (R4 & Billie)
- Product package onboarding & configuration support
- External address service integration support
- Test data management
- Closed loop automation and workflow customization
API security

BENEFITS OF MEF OIT SERVICE

1. More easily test against MEF's reference implementation of LSO Sonata.
2. Test partner-specific configurations
3. Test with emulators at any time
4. Develop and test against new LSO releases
5. Significantly reduce the cost and effort of onboarding a partner (estimated 80% - 90% savings)
6. Scale the number of partners that can be onboarded in parallel (estimated 10x improvement)



LEARN MORE

Visit: [MEF.net](https://mef.net)

FAQ: [MEF Onboarding and Interop Test Service](#)

Other Resources: [MEF 3.0 POC 137 video](#)

[LSO Sonata Onboarding and Interop Verification Solution Guide](#)

For more information: LSOIT@mef.net

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