Business and Operational Aspects of Implementing LSO Sonata
MEF White Paper

March 2020
Overcoming Internal Roadblocks to Production Readiness

- Aimed at service providers that have made decision to create standardized zero-touch/automated inter-provider commercial and business interface based on LSO Sonata and now need to drive the process of developing, testing and scaling the implementation

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  - Commitment; Review MEF information; Internal Analysis; Buyer-Seller Comparison; End-to-End Testing Approach; Buyer-Seller Implementation Approach; Industry Scaling
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- LSO Developer Community
- Summary
Milestones

**Commitment**
- Legal entities
- Product management
- Funding
- Business processes
- Buyer-Seller

**Review MEF Information**
- Understand the deliverables available from MEF

**Internal Analysis**
- Product
- LSO Sonata release
- Build vs. buy
- Systems analysis
- Existing APIs or other automation tools
- Mediation layer
- Gap analysis
- Funding approval

**Buyer-Seller Comparison**
- Buy/Sell
- Service Provider partners
- Unified information models

**End-to-End Testing Approach**
- Test Environment
- Test Plan

**Buyer-Seller Approach**
- Security
- Certification
- Operational Considerations
- Integration with Legacy Platforms
- Commercial considerations
- Pilot
- Production

**Industry Scaling**
- RFIs and RFPs
- MEF Members’ Marketing
- MEF 3.0 Certification
LSO Developer Community

1. Managed by full time MEF resource (community_manager@mef.net)
2. Manages new releases of LSO SDKs on GitHub
3. Facilitates collaboration between stakeholders (working group members, developers, academia)
4. Place for Service Provider IT professionals to interact with peers from other service providers

Enabling timely and effective outcomes for MEF members and the industry.

Collaborate!
MEF Deliverables

**Standards**
- Broad industry consensus on architecture, business requirements and use cases, security, processes and data models

**Software Developer Kits (SDKs)**
- Underlying standards documents, developer guides, example code and Swagger/OpenAPI specs

**Developer Community**
- MEF-facilitated developer community on GitHub for interaction with other service providers in implementation phase

**Test and Certification**
- Test harness and certification program accelerate testdev and position service provider as standards-conformant prior to bilateral testing

**Tracking Availability**
- Publication of number and names of service providers at production-level status