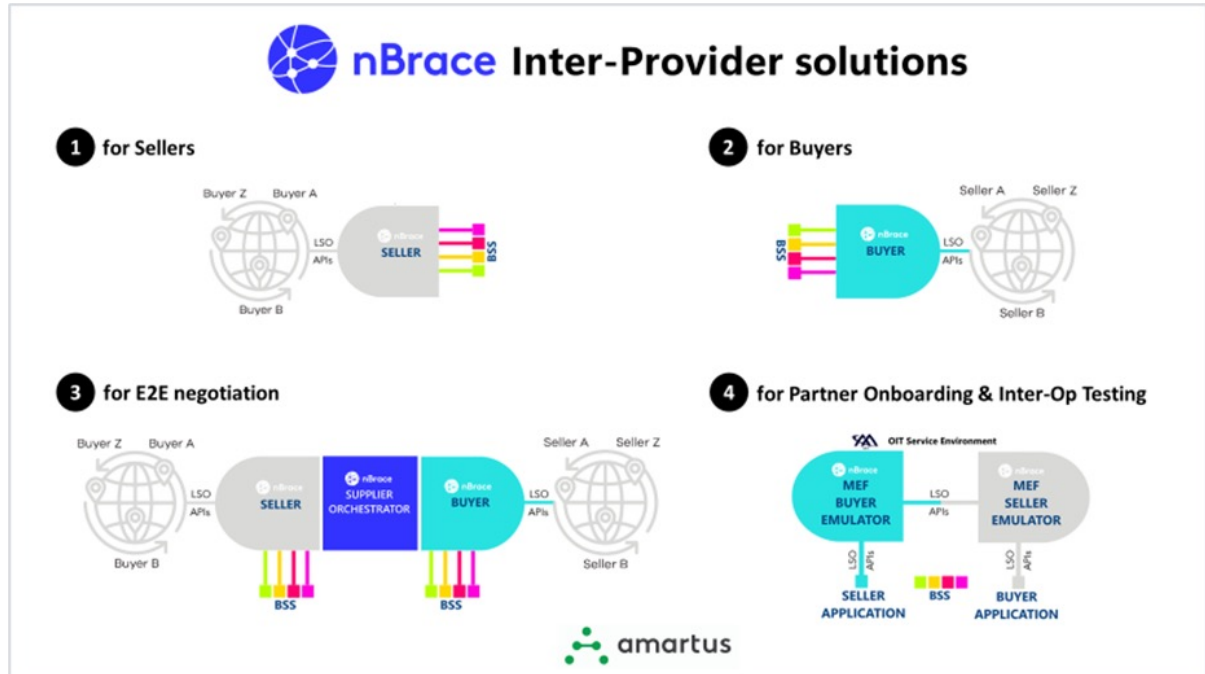


Amartus Profile

LSO Solution Provider Roles					SDK Releases			LSO Sonata & Cantata Business Process APIs														
LSO API Implementer	Business App Vendor	LSO Broker	LSO Connectivity Exchange	LSO Blockchain Vendor	Pre-Billie	Billie	Dolly	Ella	Address validation	Site query	Product catalog	POQ	Quote	Product order	Product inventory	Trouble ticket	Appointment	Work order	Billing & invoicing	LSO Blockchain	LSO Op APIs	
■	■				■	■	■		■	■	■	■	■	■	■	■	■	■	■	■	■	■



Solution - nBrace™

Amartus' nBrace harmonizes and coordinates across the set of diverse BSS applications a provider has in order to deliver a consistent set of MEF LSO processes and APIs for plug and play interop with customers and suppliers. It is a modular, cost-effective solution that can be quickly deployed to support different service provider roles:

- 1. nBrace Seller** is designed to help you increase sales and expand reach by offering products and services to a global ecosystem of buyers via MEF LSO APIs.
- 2. nBrace Buyer** enables you to use MEF LSO APIs to buy services from supplier partners, allowing you to offer a broader portfolio of products and services to customers as well as expanded coverage into partners' networks.
- 3. nBrace E2E Solution** enables you to automate the entire E2E product and service negotiation between customers, internal sources, and matching suppliers to provide end-customers with the best offer for their needs.
- 4. The MEF OIT Service** offers cloud-hosted, fully configurable, subscription-based LSO emulators built on the nBrace engine. The service is the only MEF-authorized Onboarding and Interop Test (OIT) service available which provides SPs with an efficient, predictable, and scalable solution to test their LSO Sonata/Cantata implementation and perform interop testing with their partners - serving as a "gold standard."



nBrace currently supports serviceability, quoting, and ordering and also offers initial support for LSO operational processes and APIs. Key characteristics:

- Proven solution deployed in production with leading Tier 1-3 providers.
- Provides you with your own LSO Sonata/Cantata API implementation, allowing you to negotiate directly with your partners, as if you had built it yourself.
- Enables you to quickly introduce LSO business APIs and processes on top of your BSS applications and APIs, harmonize them with your BSS and fill any necessary gaps.
- Independent LSO Sonata/Cantata implementation allowing you to maintain a consistent interface for your customers as you evolve your BSS.
- Supports any type of product, allowing you to introduce new product models through configuration at runtime.
- Includes timely support for the latest releases of LSO Sonata/Cantata standards.
- Backed by Amartus' team of industry-recognized experts with in-depth knowledge of industry standards and best practices.

Customer Activity

nBrace is currently being used by Tier 1-3 SPs based in Europe, North America, LATAM & APAC for both implementation and testing of their LSO Sonata/Cantata APIs and processes. These include typical buyers and sellers as well as those requiring more sophisticated automation involving 3rd party off-net suppliers.

In addition, Amartus is partnering with leading providers & solution providers to facilitate faster, smoother adoption of the standard. Partners include AT&T (buyer) whom we work closely with to accelerate implementation & onboarding of its ecosystem of MEF LSO-compliant suppliers and ServiceNow whom we have integrated nBrace with to offer industry-standard MEF LSO processes and APIs on the top of their BSS/OSS solutions.

Many SPs we collaborate with lack expertise on MEF LSO APIs and processes, and they currently use a combination of multiple BSS systems and manual processes. We work closely with them to identify the most efficient, cost-effective path to get them into production. Our objective is to find a solution that harmonizes and coordinates LSO Sonata/Cantata standard processes with those of the provider. We have extensive experience integrating with different vendors' and in-house systems: Address Validation services, Pricing engines, Quoting and Order Management systems, as well as API Gateways that provide some or all of the functions. nBrace can also provide alternative features in case the current systems do not support functionality required by the standard. For example, it can calculate prices and margins to provide real-time quoting capability, offer manual support for certain process steps in the GUI, or deliver a service for automatic verification of the installation address by using advanced algorithms and local address databases.

The delivery of nBrace usually occurs in phases. It can start with minimal or no BSS integration. Subsequent phases involve increasing levels of automation by connecting with more B/OSS systems using whatever APIs are available (MEF, TM Forum, or proprietary) and streamlining more inter-partner processes. Using this evolutionary approach, nBrace ultimately provides a fully automated bridge that seamlessly connects your BSS with your partners' BSS systems. Furthermore, MEF's OIT service utilizes nBrace to provide any-time hosted compliance and partner interop testing. This service leverages nBrace's flexibility and configurability to help providers accelerate and succeed in their LSO adoption journey.

Contact

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