



Connecting and Enabling Business
The eBusiness Management Team



Business to Business Integration Services and Solutions

The Amkor eBusiness Team Works for You

Located globally at Amkor sales offices and factory sites, your eBusiness manager is a single point of contact dedicated to you and your projects.

We listen to our customers needs

The Amkor eBusiness management team is experienced with customer integration business processes, industry and standard solutions and we understand what customers want and need:

- Visibility to package assembly and test manufacturing processes and material inventory levels
- Seamless supplier integration with planning, logistics, finance and other critical systems to promote efficiency and decision making
- Flexible high-quality solutions that can be rapidly deployed

We are experienced in customer integration

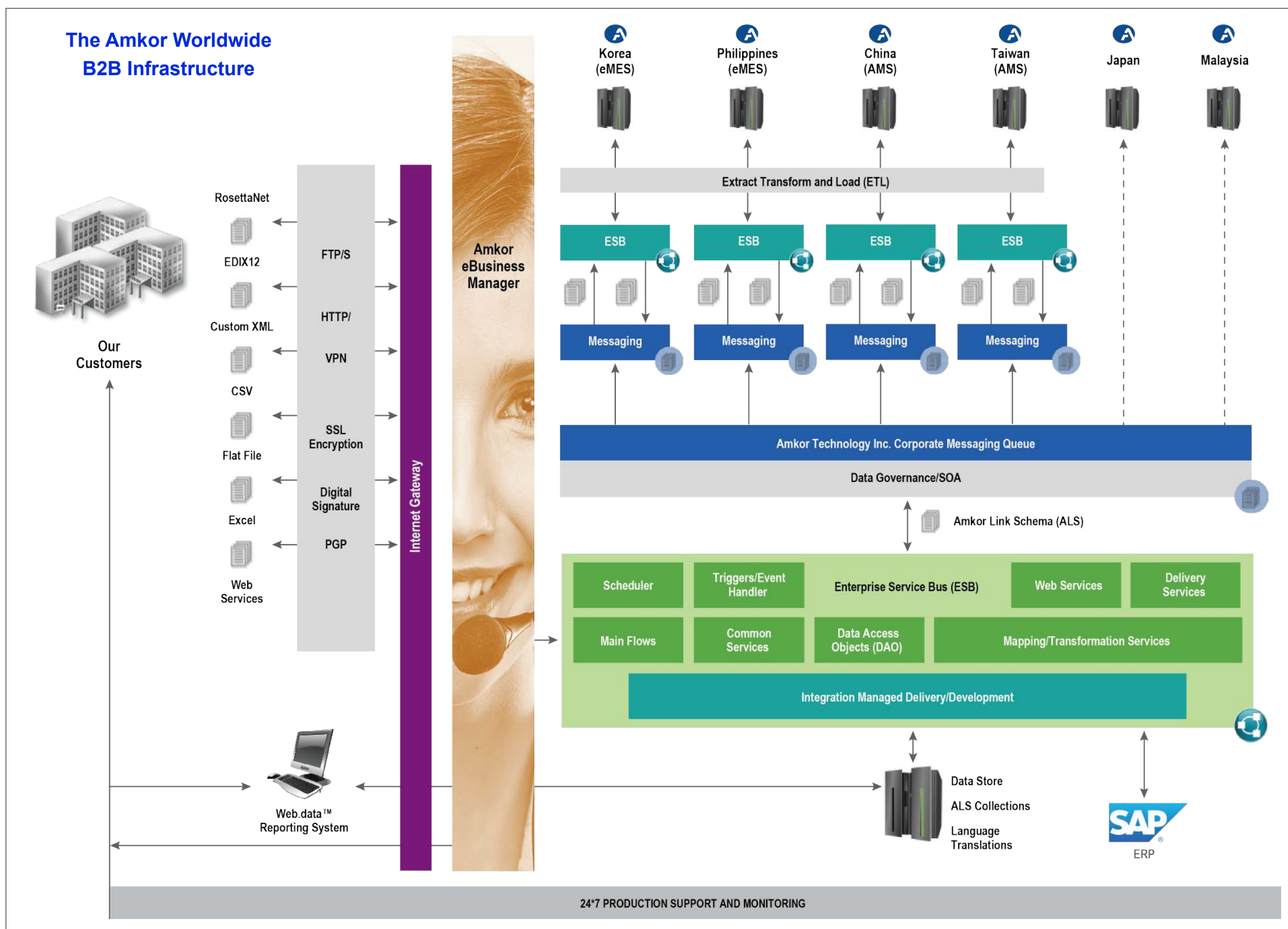
By assuring repeatable, global solutions, Amkor ensures you have a comprehensive understanding of your project through a single point of contact. You'll find:

- More than 30 years of manufacturing experience, with hundreds of successful customer integrations
- A team of eBusiness managers dedicated to personally facilitate your business-to-business integration needs
- A Global Center of B2B Excellence supporting a reliable, centralized system and a single source of truth

Business-to-Business (B2B) integration with Amkor

The strength of Amkor's B2B architecture is a global infrastructure that provides a centralized exchange of manufacturing information between our factories, sales teams and our customers.

Data flows from the factories around the clock, providing customers lot status and transactions, shipping and billing information, as well as customers purchase orders and build instructions.



Choose from a Variety of Integration Methods

Amkor chose the RosettaNet standard to provide a common e-Business language, aligning processes between trading partners on a global basis.

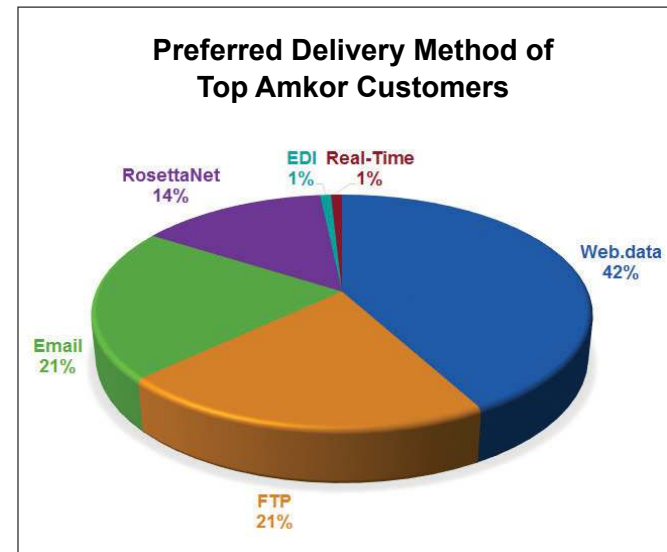
RosettaNet Partner Interface Processes (PIPs) and RNIF delivery protocol enable B2B transactions in a seamless, secure and real-time manner. By supporting multiple PIPs, Amkor is able to support many integrated processes. In addition, we support multiple message formats and delivery protocols.

Message Formats

RosettaNet PIPs, delimited flat files, EDI, XML, EDI/EDIFACT, Excel and text based reports.

Delivery Protocols

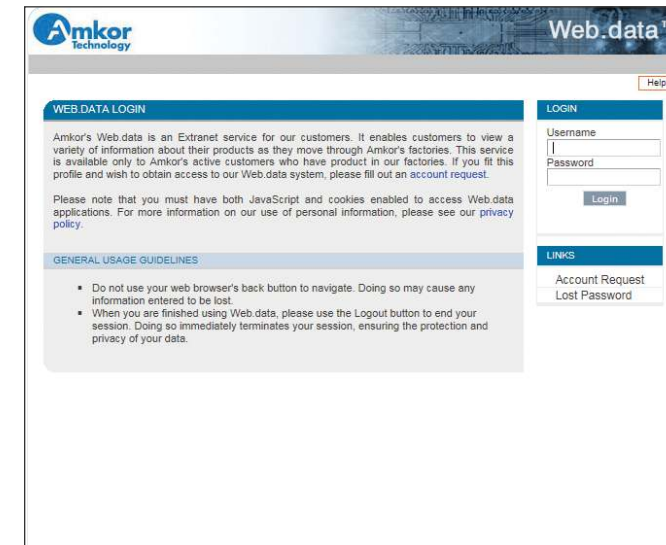
RosettaNet RNIF, File Transfer Protocol (FTP/SFTP), EDI (VAN and AS2), SOAP Web Services (HTTPS), MQ, JMS, Encryption and various third party suppliers.



Standard B2B Delivery Protocols and Message Formats

Process	Description	Delivery Protocol and Message Formats
Purchase Order	Purchase Order received from customers and distributed to factory sites for fulfillment	RNIF • FTP/SFTP • EDI (VAN/AS2) PIP 3A4, 3A7, 3A8, 3A9, 3A19 • Flat File • XML • EDI 850/855, 870
Inbound ASN	Advance Shipment Notification received from customers for materials in-transit to Amkor for auto-receiving and pre-scheduling; reducing manual entry and cycle time	RNIF • FTP/SFTP • EDI (VAN/AS2) PIP 3B2 • Flat File • XML • EDI 856
Shipment Receipt	Shipment Receipt confirmation distributed to customers	RNIF • FTP/SFTP PIP 4B2 • Flat File • XML
Material Inventory	Visibility to raw or component Material Inventory such as substrates and leadframes; available in a snapshot or a transaction format	FTP/SFTP • Web.data Flat File • XML • Excel
Work Order/ Build Request	Work Order or Build Request received from customers and distributed to factory sites for execution	RNIF • FTP PIP 7B5 • Flat File • XML
Work in Process (WIP)	Visibility to WIP and inventory locations in snapshot or transaction format	RNIF • FTP/SFTP • Web.data PIP 7B1 • Flat File • XML • Excel
Process Data	Visibility to Assembly Yield Data	RNIF • FTP/SFTP • Web.data PIP 7C7 • Flat File • XML • Excel
Tester Data	Visibility to Tester Parametric Data and results	RNIF • FTP/SFTP PIP 7C8 • XML
Cycle Time Data	Visibility to Cycle Time performance data	FTP/SFTP • Web.data Flat File • Excel
Drop Ship Request	Shipment requests received from customers and distributed to Amkor factory sites to pick and ship	RNIF • FTP/SFTP PIP 3B12/3B14 • Flat File • XML
Outbound ASN	Advance Shipment Notification distributed to customers	RNIF • FTP/SFTP • EDI (VAN/AS2) PIP 3B2 • Flat File • XML • EDI856
Billing Invoice	Billing Invoice distributed to customers	RNIF • FTP/SFTP • EDI (VAN/AS2) PIP 3C3/3C4, 3C6/3C7 • Flat File • XML • EDI810
Customization	Customized solutions to customer needs	Various

Web.data™ Customer-Ready Reporting System



Amkor provides easy access to customer and project details through Web.data, a secure, web-based application suite. Access at: <https://webdata.amkor.com>

Through Web.data, reports for all manufacturing sites can be viewed around the clock for near real-time reporting.

Amkor customers can also create queries, controlling data elements and reports by sort and filter, all of which can be viewed on-line or downloaded to a local file. Automated deliveries can be processed on a daily, weekly or monthly basis and delivered by email.

Web.data Application Views	Information Detail
Material Supply	Customer or Amkor owned direct and indirect materials
Lot Status	Customer lots, from in-transit through shipment, for a specific point in time
Lot Event History	Customer lot milestone events (transactions) history
Yield	Customer assembly yield data at QA gates with loss reasons
Cycle Time Data	Customer cycle time data at a lot level

Standard Factory Specific Reports

Standard factory reports are also available upon customer request. These reports are specific to individual factory sites, and are complementary to the standard data available from Web.data or Amkor Standard Solutions.

- Lot Status or WIP
- Ship Alert
- Packing List
- Commercial Invoice
- Cycle Time
- Yield
- Lot Traveler Card
- Packing Label

Contact Us When You Need Us

The Amkor global B2B Support Team provides centralized monitoring and customer support 24 hours a day, 7 days week, around the world. Contact us by email: atihelpdesk@amkor.com, or phone: +1-888-265-6716 extension 5555.

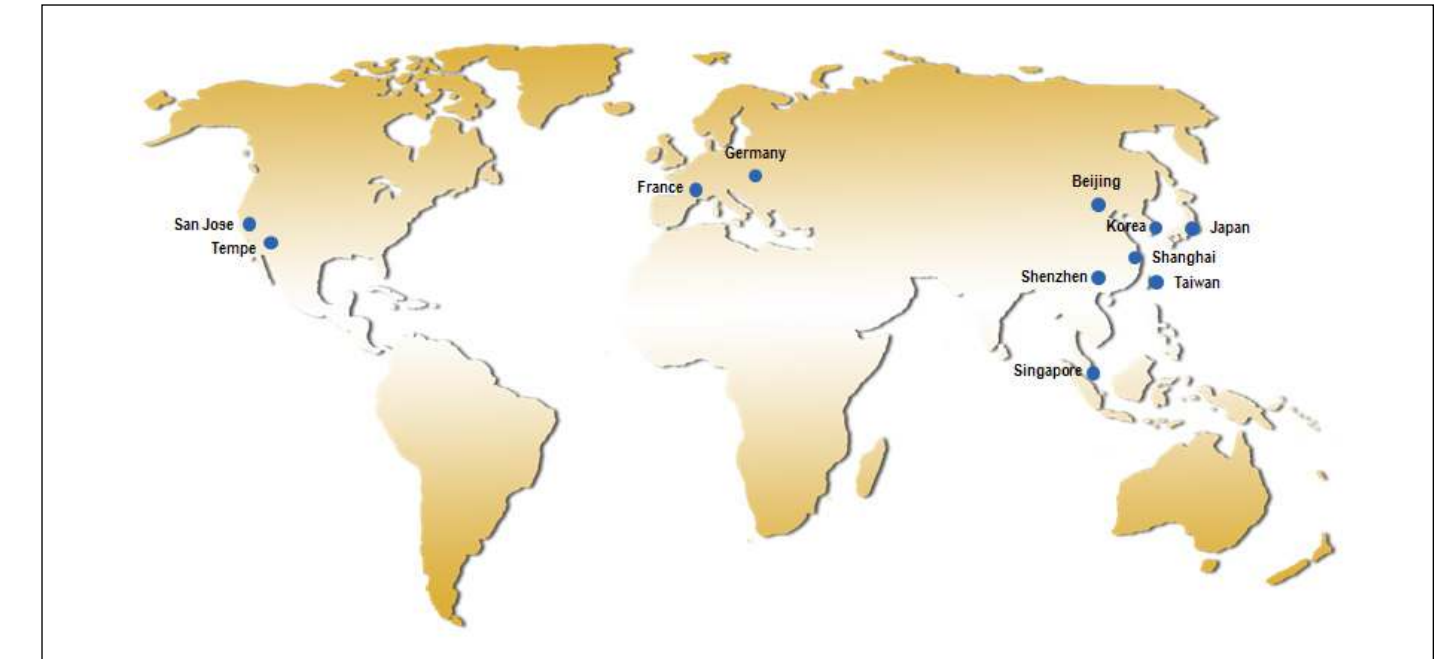


Amkor is Committed to Your Success

At Amkor, we understand the importance of providing accurate, timely order status and information.

Supported by a global development service and support organization, Centers of Manufacturing Excellence and "follow-the-sun" production support, our eBusiness Management group is here to help you integrate with Amkor's B2B solutions.

Visit the Amkor Technology Customer Center at: www.amkor.com or contact your Customer Service Representative for more information and access to our full suite of eBusiness tools.



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