

SEEBURGER RosettaNet & MMS AS2 Solutions

RosettaNet B2B Integration

- Global High Tech companies prefer RosettaNet as their B2B communication standard
- RosettaNet is the e-business standard for supply chain optimisation for the high tech, telecommunications industry, electronic component and semiconductor manufacturing industries

RosettaNet Adoption Challenges

- Partner adoption reached roughly 20% of the supply base, normally only Tier 1 top end trading partners
- RosettaNet (RNIF) Software and the required infrastructure is considered to be expensive
- RNIF requires a 7x24x365 presence on the web
- External web presence requires a DMZ –firewalls, routers, security programming
- A stable Internet connection with high quality of service is required

Message Control and Choreography (MCC)

Multiple Messaging Services (MMS)

- RosettaNet accepted the mission to deliver new methods of supply connectivity to improve supplier adoption
- The result is MCC and MMS
- As RosettaNet architecture extends to support flexible, low-cost document exchange models and evolves to also support Web Services-based exchanges, enhanced Messaging capabilities are required beyond current RNIF specifications

Below are three pre-dominant messaging systems to transport RosettaNet PIP business messages between trading partners:

- 1) AS2
- 2) ebXML Messaging System (ebMS)
- 3) Web Services

Multiple Messaging Services AS2 Value

- **Low cost:** Use public internet, no transmission cost
- **Broader usage:** No restriction, accepted and adopted in other vertical industries outside of high-tech
- **Availabilities:** 7x24x365
- **Restart feature for large file transmission:**
AS2 Restart is scheduled for the AS2 Interop in 3Q2010. Can deploy in low or high network bandwidth, will be able to easily exchange very large payloads over AS2 seamlessly

RosettaNet repackaged 2 actions PIPs

1. PIP3A1 → PIP3A17(Request), PIP3A16(Confirmation)
2. PIP3A2 → PIP3A17(Request), PIP3A18(Response)
3. PIP3A4 → PIP3A19(Request), PIP3A20(Confirmation)
4. PIP3A8 → PIP3A21(Request), PIP3A22(Confirmation)
5. PIP3A9 → PIP3A23(Request), PIP3A24(Confirmation)
6. PIP3B12 → PIP3B19(Request), PIP3B20(Confirmation)
7. PIP3B14 → PIP3B21(Request), PIP3B22(Confirmation)
8. PIP3C1 → PIP3C8(Request), PIP3C9(Confirmation)
9. PIP5C2 → PIP5C6(Request), PIP5C7(Confirmation)
10. PIP5C3 → PIP5C8(Request), PIP5C9(Confirmation)
11. PIP5D1 → PIP5D7(Request), PIP5D8(Confirmation)
12. PIP5D5 → PIP5D9(Request), PIP5D10(Confirmation)
13. PIP6C1 → PIP6C5(Query), PIP6C6(status response)
14. PIP6C2 → PIP6C7(Request), PIP6C8(Confirmation)

SEEBURGER RosettaNet MMS Supplier Solution

AS2ConnectPlus

- Preconfigured messages per Hub
- Low cost
- Remote installation
- Webinar for user / admin training

