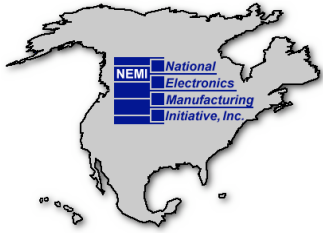


Product Data eXchange PDX 2.0 Activities



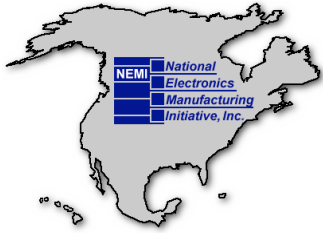
Richard Kubin
NEMI Business Leadership Team
rkubin@e2open.com



PDX 2.0 – Keeping Up With User Needs

Expanded BOM Level Information Tracking

- **Costs**
 - To support on-going dialog and cost management, not RFQs
 - To support lifecycle decisions:
 - making large last-time buys
 - grey market acquisitions
 - **20 optional cost fields**
 - Learning
 - Set-up
 - Materials
 - Processing
- **Environmentally Sensitive Attributes**
 - Material Composition information
 - Power consumption



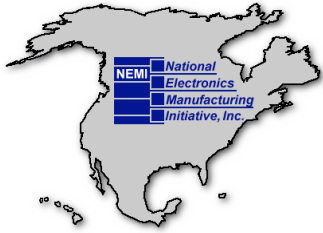
PDX 2.0 – Keeping Up With User Needs

Role-based access, views and generation of PDX packages

- One product, multiple production sites
 - Vary product content of a single product per mfg location
 - Treat as a single product with different sets of information
 - Eg:
 - » effectivity dates & dispositions
 - » AMLs
 - » item attributes
 - PDX currently would treat as separate BOMs
- As designed, as built – already supported in PDX 1.0

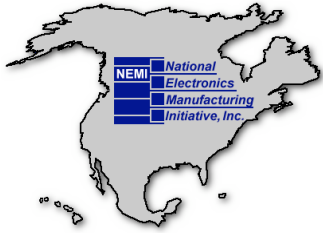
Support for archiving

- PDX was designed for transfer



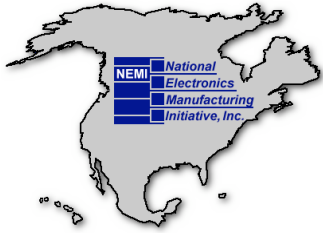
PDX 2.0 Outreach

- **NEMI Business Leadership Team’s goal is to ensure broad industry adoption of the PDX standards**
- **Recognize that there are multiple levels of interest and involvement**
 - **Business process leaders (OEMs, EMSs and Suppliers)**
 - **Users (OEMs, EMSs and Suppliers)**
 - **Solution Providers (PDM/PLM, BPM/B2B Integration)**
 - **IT technical developers**
- **NEMI has sent out “call for participation”**
 - **Establish a PDX User’s Group to ensure that business and technical requirements are aligned, defined and prioritized**
 - **Ensure adequate support for the technical groups**
- **Coordinate activities and requirements with other groups for Material Composition Declaration data standards**
 - **NEMI Materials Declarations Team**
 - **RosettaNet Materials Declarations Exchange Team**
 - **PDX 2.0 Team**



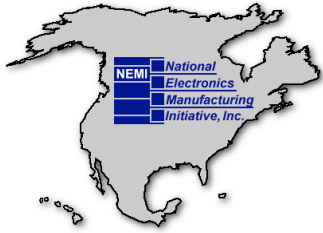
PDX Working Groups

- **PDX Users Group:** being formed to provide guidance on business and engineering requirements and to help drive overall adoption
- **IPC Committees**
 - IPC 2-15 which **oversees the entire PDX suite**
 - IPC 2-15A which **contains the XML definitions** and describes how to conduct a PDX exchange
 - IPC 2-15C, which is responsible for maintaining IPC-2576 "Sectional Requirements for Electronics Mfg. Supply Chain Communication of **As-Built Product Data** - Product Data eXchange (PDX)".
 - 2-15D, which is responsible for maintaining IPC-2577 "Sectional Requirements for Supply Chain Communication of Manufacturing **Quality Assessment** - Product Data eXchange (PDX)"
 - IPC 2-15E, which is responsible for maintaining IPC-2578 "Sectional Requirements for Supply Chain Communication of **Bill of Material and Product Design Configuration** Data - Product Data eXchange (PDX)" This standard is arguably the most important of the PDX suite, and contains the basic structure for sharing Bill of Material information.



PDX Committee Information

- **Product Data Exchange Task Group (2-15a)**
- **Committee Chair:**
 - **Barbara Goldstein – NIST**
 - **Phone: (301) 975-2304**
 - **Email: bgoldstein@nist.gov**
- **Project Leader:**
 - **Dries D'hooghe - Agile Software**
 - **Phone: (408) 284 3892**
 - **Email: dries.dhooghe@agile.com**
- **Project Co-Chair: Doug Furbush - Georgia Tech – MARC**
 - **Phone: (404) 385-4881**
 - **Email: doug.furbush@marc.gatech.edu**
- **Bi-weekly Conference calls: Wed. 12:15-1:15 Eastern Time**
 - **1-800-304-8043 passcode 611113**



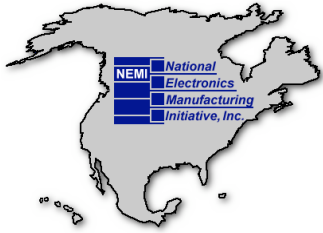
PDX 2.0 Schedule

Milestone

- 1. First IPC-2571/6/8 Release 2 Working Draft**
- 2. Group meeting**
- 3. First Committee draft**
- 4. Final Committee draft**
- 5. Proposal for circulation**
- 6. Interim final draft for circulation**
- 7. Print and release**

Date

4/31/2004
June 2004
Sept 2004
Nov. 2004
Dec. 2004
Jan. 2005
Feb. 2005



PDX Needs You To....

Committee Leadership - A number of the PDX Working Groups have opportunities for leadership.

Committee Participation - A number of the PDX Working Groups have opportunities for leadership.

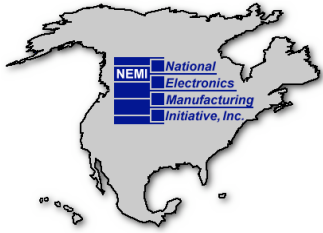
Documentation Support - including regenerating the graphic representations of the XML DTD, and making suggestions for how best to divide the PDX DTD into separate sectional standards.

Consider implementing PDX within your integration architecture, or looking for additional ways to leverage it

Help promote the use of PDX

- Help *quantify* current PDX adoption
- Become a trainer!

Connect with and Strengthen your Supply Chain



Contacts and Information Sources

To sign up on the IPC committee mailing lists, drop a note to Jeanne Cooney: JeanneCooney@ipc.org

Sign-up contacts for:

- PDX Users Group
[Richard Kubin \(rkubin@e2open.com\)](mailto:rkubin@e2open.com)
- IPC Committees
[Barbara Goldstein \(bgoldstein@nist.gov\)](mailto:bgoldstein@nist.gov)
- Environmental Data Exchange Working Group
[Richard Kubin \(rkubin@e2open.com\)](mailto:rkubin@e2open.com)

Websites:

- PDX Site- <http://www.pdx.marc.gatech.edu/>
- IPC Web Standards Site- <http://webstds.ipc.org/>