Charter of the PWG
Projector and Display Management
Working Group

Rick Landau <Richard_Landau@dell.com>
Nick D'Alessio <Nick_D'Alessio@dell.com>
Ira McDonald <imcdonald@sharplabs.com>

Problem Statement:

Dynamic display devices such as video projectors and video displays are imaging devices that are similar in many ways to printers and faxes. When such devices are permanently installed in offices or other locations, they need remote management capabilities so that users can monitor their health and status. Currently management of these devices is fragmented and proprietary. A standard for management of these devices would benefit both the industry and the user community.

PDM WG Co-Chairs:

Richard Landau, Dell
Raymond Rogers, Symon Comunications

PDM WG Secretary:

Richard Landau, Dell

PDM WG Participants:

Koichi Ara, NEC
Jasper Chen, Coretronic
Nick D'Alessio, Dell
Lee Farrell, Canon
Devin Fujimoto, Spinoza
Richard Landau, Dell
Josephine Lee, Delta
Randy Massengale, Spinoza
Hiroyuki Hashimoto, Epson
Ira McDonald, High North
Vincent Ng, Dell
Raymond Rogers, Symon

PDM WG Document Editors:

Nick D'Alessio, Dell

Richard Landau, Dell

Hiroshi Midorikawa, Epson

Mailing Lists:

pdm@pwg.org

Out-of-scope:

- OOS-1. Do not define management for non-networked projectors or displays.
- OOS-2. Do not define management for desktop monitors attached to PCs.
- OOS-3. Do not define job submission protocols for video data.
- OOS-4. Do not define content access protocols for video data.
- OOS-5. Do not define page definition formats and languages to be implemented in projectors and displays (e.g., HTML, PDF, PostScript, PCL, etc.).

Objectives:

- OBJ-1. Define management requirements and usage models for projectors and video display devices that are permanently or temporarily installed as networked utility devices.
- OBJ-2. Define an architectural model of management objects and semantics for the above set of requirements and usage models.
- OBJ-3. Define consistent names and semantics for management objects that can be accessed through any supported management protocols.
- OBJ-4. Define an SNMP MIB in SMIv2 for the management objects in the abstract model.
- OBJ-5. Define a set of CIM MOF classes for the management objects in the abstract model.
- OBJ-7. Define a set of XML Schema files for the management objects in the abstract model.
- OBJ-8. Define a Web Services Binding for the management objects in the abstract model to one or more public standard Web Services protocols.

Milestones:

Charter Stage:
- CH-1. DONE – Initial working draft of PDM WG charter – September 2006
- CH-2. DONE – Interim working draft of PDM WG charter – March 2007
- CH-3. DONE – Stable working draft of PDM WG charter – April 2007
- CH-4. PWG Formal Approval vote on PDM WG charter – April 2007

Definition Stage:
- MODEL-1. Stable working draft of PDM Abstract Model and Requirements – Q4 2007

79　　• MODEL-2. WG Last Call of PDM Abstract Model and Requirements – Q1
80　　　2008
81　　• MIB-1. Prototype working draft of PDM SNMP MIB – Q1 2008
82　　• MIB-2. WG Last Call of PDM SNMP MIB – Q2 2008
83　　• MOF-1. Prototype working draft of PDM CIM MOF Classes – Q2 2008
84　　• MOF-2. WG Last Call of PDM CIM MOF Classes – Q4 2008
85　　• XML-1. Prototype working draft of PDM XML Schema – Q3 2008
86　　• XML-2. WG Last Call of PDM XML Schema – Q4 2008
87　　• WS-1. Prototype working draft of PDM Web Services Binding – Q4 2008
88　　• WS-2. WG Last Call of PDM XML Web Services Binding – Q1 2009
89
90　**Implementation Stage:**
91　　• IMP-MIB-1. Interoperability event for PDM SNMP MIB – Q1 2008
92　　• IMP-MOF-1. Interoperability event for PDM CIM MOF – Q3 2008
93