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# Charter of the PWG Projector and Display Management Working Group

Status: Approved  
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<ftp://ftp.pwg.org/pub/pwg/pdm/charter/ch-pdm-20070508.pdf>

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12 **Problem Statement:**

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

20 **PDM WG Co-Chairs:**

21 Richard Landau, Dell  
22 Raymond Rogers, Symon Communications

23 **PDM WG Secretary:**

24 Richard Landau, Dell

25 **PDM WG Participants:**

26 Koichi Ara, NEC  
27 Jasper Chen, Coretronic  
28 Nick D'Alessio, Dell  
29 Lee Farrell, Canon  
30 Devin Fujimoto, Spinoza  
31 Richard Landau, Dell  
32 Josephine Lee, Delta  
33 Randy Massengale, Spinoza  
34 Hiroyuki Hashimoto, Epson  
35 Ira McDonald, High North  
36 Vincent Ng, Dell  
37 Raymond Rogers, Symon

38 **PDM WG Document Editors:**

39 Nick D'Alessio, Dell  
40 Richard Landau, Dell  
41 Hiroshi Midorikawa, Epson

42 **Mailing Lists:**

43 pdm@pwg.org

44 **Out-of-scope:**

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

51 **Objectives:**

- 52 • OBJ-1. Define management requirements and usage models for projectors and
- 53 video display devices that are permanently or temporarily installed as networked
- 54 utility devices.
- 55 • OBJ-2. Define an architectural model of management objects and semantics for
- 56 the above set of requirements and usage models.
- 57 • OBJ-3. Define consistent names and semantics for management objects that can
- 58 be accessed through any supported management protocols.
- 59 • OBJ-4. Define an SNMP MIB in SMIV2 for the management objects in the
- 60 abstract model.
- 61 • OBJ-5. Define a set of CIM MOF classes for the management objects in the
- 62 abstract model.
- 63 • OBJ-7. Define a set of XML Schema files for the management objects in the
- 64 abstract model.
- 65 • OBJ-8. Define a Web Services Binding for the management objects in the abstract
- 66 model to one or more public standard Web Services protocols.

67 **Milestones:**

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69 **Charter Stage:**

- 70 • CH-1. DONE – Initial working draft of PDM WG charter – September 2006
- 71 • CH-2. DONE – Interim working draft of PDM WG charter – March 2007
- 72 • CH-3. DONE – Stable working draft of PDM WG charter – April 2007
- 73 • CH-4. DONE – PWG Formal Approval vote on PDM WG charter – May
- 74 2007

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76 **Definition Stage:**

- 77 • MODEL-1. Stable working draft of PDM Abstract Model and Requirements –
- 78 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
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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
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