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# Charter of the PWG Projector and Display Management Working Group

Status: Interim

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Version 0.7

<ftp://ftp.pwg.org/pub/pwg/BOFs/pdm/Charter/wd-pdm-charter-20070318.pdf>

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13 **Problem Statement:**

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

21 **PDM WG Co-Chairs:**

22 Richard Landau, Dell

23 Raymond Rogers, Symon Communications

24 **PDM WG Secretary:**

25 TBD

26 **PDM WG Participants:**

27 Koichi Ara, NEC

28 Nick D'Alessio, Dell

29 Lee Farrell, Canon

30 Imahashi Kazuyasu, Sony

31 Bill Kuhn, Spinoza

32 Richard Landau, Dell

33 Randy Massengale, Spinoza

34 Hiroshi Midorikawa, Epson

35 Ira McDonald, High North

36 Vincent Ng, Dell

37 Joe Rabah, Symon

38 Raymond Rogers, Symon

39 **PDM WG Document Editors:**

40 Richard Landau and Nick D'Alessio, Dell  
41 Hiroshi Midorikawa, Epson  
42

43 **Mailing Lists:**

44 TBD

45 **Out-of-scope:**

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

52 **Objectives:**

- 53 • OBJ-1. Define management requirements and usage models for projectors and
- 54 video display devices that are permanently or temporarily installed as networked
- 55 utility devices.
- 56 • OBJ-2. Define an architectural model of management objects and semantics for
- 57 the above set of requirements and usage models.
- 58 • OBJ-3. Define consistent names and semantics for management objects that can
- 59 be accessed through any supported management protocols.
- 60 • OBJ-4. Define an SNMP MIB in SMIV2 for the management objects in the
- 61 abstract model.
- 62 • OBJ-5. Define a set of CIM MOF classes for the management objects in the
- 63 abstract model.
- 64 • OBJ-6. Define a CLI (command line interface) for the management objects in the
- 65 abstract model.
- 66 • OBJ-7. Define a set of XML Schema for the management objects in the abstract
- 67 model.
- 68 • OBJ-8. Define a Web Services Binding for the management objects in the abstract
- 69 model to one or more public standard Web Services protocols.

70 **Milestones:**

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72 **Charter Stage:**

- 73 • CH-1. DONE – Initial working draft of PDM WG charter – September 2006
- 74 • CH-2. DONE – Interim working draft of PDM WG charter – March 2006
- 75 • CH-3. Stable working draft of PDM WG charter – April 2006
- 76 • CH-4. PWG SC approval of PDM WG charter – April 2006

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78 **Definition Stage:**

- 79 • MODEL-1. Initial working draft of PDM Abstract Model and Requirements
- 80 (including names and semantics of operations, components, and attributes) –
- 81 TBD
- 82 • MODEL-2. Stable working draft of PDM Abstract Model and Requirements –
- 83 TBD
- 84 • MODEL-3. PWG Last Call of PDM Abstract Model and Requirements – TBD
- 85 • MODEL-4. PWG Formal Approval of PDM Abstract Model and
- 86 Requirements – TBD
- 87 • MIB-1. Initial working draft of PDM SNMP MIB – TBD
- 88 • MIB-2. Prototype working draft of PDM SNMP MIB – TBD
- 89 • MIB-3. Stable working draft of PDM SNMP MIB – TBD
- 90 • MIB-4. PWG Last Call of PDM SNMP MIB – TBD
- 91 • MIB-5. PWG Formal Approval of PDM SNMP MIB – TBD
- 92 • MOF-1. Initial working draft of PDM CIM MOF Classes – TBD
- 93 • MOF-2. Prototype working draft of PDM CIM MOF Classes – TBD
- 94 • MOF-3. Stable working draft of PDM CIM MOF Classes – TBD
- 95 • MOF-4. PWG Last Call of PDM CIM MOF Classes – TBD
- 96 • MOF-5. PWG Formal Approval of PDM CIM MOF Classes – TBD
- 97 • CLI-1. Initial working draft of PDM CLI – TBD
- 98 • CLI-2. Prototype working draft of PDM CLI – TBD
- 99 • CLI-3. Stable working draft of PDM CLI – TBD
- 100 • CLI-4. PWG Last Call of PDM CLI – TBD
- 101 • CLI-5. PWG Formal Approval of PDM CLI – TBD
- 102 • XML-1. Initial working draft of PDM XML Schema – TBD
- 103 • XML-2. Prototype working draft of PDM XML Schema – TBD
- 104 • XML-3. Stable working draft of PDM XML Schema – TBD
- 105 • XML-4. PWG Last Call of PDM XML Schema – TBD
- 106 • XML-5. PWG Formal Approval of PDM XML Schema – TBD
- 107 • WS-1. Initial working draft of PDM Web Services Binding – TBD
- 108 • WS-2. Prototype working draft of PDM Web Services Binding – TBD
- 109 • WS-3. Stable working draft of PDM Web Services Binding – TBD
- 110 • WS-4. PWG Last Call of PDM XML Web Services Binding – TBD
- 111 • WS-5. PWG Formal Approval of PDM Web Services Binding – TBD

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113 **Implementation Stage:**

- 114 • IMP-MIB-1. Interoperability event for PDM SNMP MIB – TBD
- 115 • IMP-MOF-1. Interoperability event for PDM CIM MOF – TBD
- 116 • IMP-CLI-1. Interoperability event for PDM CLI – TBD
- 117 • IMP-XML-1. Interoperability event for PDM XML Schema – TBD
- 118 • IMP-WS-1. Interoperability event for PDM Web Services Binding – TBD