

1 **Charter of the PWG**  
2 **Projector and Display Management**  
3 **Working Group**

4  
5 **Status: Interim**

6 **Copyright © 2007 Printer Working Group. All Rights Reserved.**

7 **Version 0.8**

8 **<ftp://ftp.pwg.org/pub/pwg/BOFs/pdm/Charter/wd-pdm-charter-20070321.pdf>**

9  
10 Rick Landau <Richard\_Landau@dell.com>

11 Nick D'Alessio <Nick\_D'Alessio@dell.com>

12 Ira McDonald <imcdonald@sharplabs.com>

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 Jasper Chen, Coretronic

29 Nick D'Alessio, Dell

30 Lee Farrell, Canon

31 Devin Fujimoto, Spinoza

32 Richard Landau, Dell

33 Josephine Lee, Delta

34 Randy Massengale, Spinoza

35 Hiroyuki Hashimoto, Epson

36 Ira McDonald, High North

37 Vincent Ng, Dell

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-7. Define a set of XML Schemata for the management objects in the abstract  
65 model.  
66 • OBJ-8. Define a Web Services Binding for the management objects in the abstract  
67 model to one or more public standard Web Services protocols.

68 **Milestones:**

69  
70 **Charter Stage:**  
71 • CH-1. DONE – Initial working draft of PDM WG charter – September 2006  
72 • CH-2. DONE – Interim working draft of PDM WG charter – March 2006  
73 • CH-3. Stable working draft of PDM WG charter – April 2006  
74 • CH-4. PWG SC approval of PDM WG charter – April 2006  
75

76 **Definition Stage:**  
77 • MODEL-2. Stable working draft of PDM Abstract Model and Requirements –  
78 Q4 CY07

- 79 • MODEL-3. WG Last Call of PDM Abstract Model and Requirements – Q2
- 80 CY08
- 81 • MIB-2. Prototype working draft of PDM SNMP MIB – Q1 CY08
- 82 • MIB-4. WG Last Call of PDM SNMP MIB – Q2 CY08
- 83 • MOF-2. Prototype working draft of PDM CIM MOF Classes – Q2 CY08
- 84 • MOF-4. WG Last Call of PDM CIM MOF Classes – Q4 CY08
- 85 • XML-2. Prototype working draft of PDM XML Schema – Q3 CY08
- 86 • XML-4. WG Last Call of PDM XML Schema – Q4 CY08
- 87 • WS-2. Prototype working draft of PDM Web Services Binding – Q4 CY08
- 88 • WS-4. WG Last Call of PDM XML Web Services Binding – Q1 CY09
- 89

90 **Implementation Stage:**

- 91 • IMP-MIB-1. Interoperability event for PDM SNMP MIB – Q1 CY08
- 92 • IMP-MOF-1. Interoperability event for PDM CIM MOF – Q3 CY08
- 93