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Charter of the PWG Projector and Display Management Working Group

Status: Interim

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Version 0.9

<ftp://ftp.pwg.org/pub/pwg/BOFs/pdm/Charter/wd-pdm-charter-20070323.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:**

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26 **PDM WG Participants:**

27 Koichi Ara, NEC

28 Jasper Chen, Coretronic

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32 Richard Landau, Dell

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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 There is an email reflector at pdm@pwg.org to which members can subscribe and
45 unsubscribe.

46 **Out-of-scope:**

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

53 **Objectives:**

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

69 **Milestones:**

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71 **Charter Stage:**

- 72 • CH-1. DONE – Initial working draft of PDM WG charter – September 2006
- 73 • CH-2. DONE – Interim working draft of PDM WG charter – March 2007
- 74 • CH-3. Stable working draft of PDM WG charter – April 2007
- 75 • CH-4. PWG SC approval of PDM WG charter – April 2007

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77 **Definition Stage:**

- 78 • MODEL-1. Stable working draft of PDM Abstract Model and Requirements –
- 79 Q4 CY07
- 80 • MODEL-2. WG Last Call of PDM Abstract Model and Requirements – Q2
- 81 CY08
- 82 • MIB-1. Prototype working draft of PDM SNMP MIB – Q1 CY08
- 83 • MIB-2. WG Last Call of PDM SNMP MIB – Q2 CY08
- 84 • MOF-1. Prototype working draft of PDM CIM MOF Classes – Q2 CY08
- 85 • MOF-2. WG Last Call of PDM CIM MOF Classes – Q4 CY08
- 86 • XML-1. Prototype working draft of PDM XML Schema – Q3 CY08
- 87 • XML-2. WG Last Call of PDM XML Schema – Q4 CY08
- 88 • WS-1. Prototype working draft of PDM Web Services Binding – Q4 CY08
- 89 • WS-2. WG Last Call of PDM XML Web Services Binding – Q1 CY09
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Implementation Stage:

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