# Dominion® PX

**Release Notes for Dominion PX Firmware 1.0**

**Release Notes Version:  1.0**

**Date:  May 11, 2007**

# TABLE OF CONTENTS

**Page**

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## Introduction

This document contains the Release Notes for the Dominion PX 1.0.

## Effective Date

Immediately

## Applicability

The 1.0 Release is applicable to the following Dominion PX models:
- DPCR8-15, DPCR8A-16, DPCR8A-20L6
- DPCS12-20, DPCS12-20L, DPCS12-30L, DPCS12A-16
- DPCS20-20, DPCS20-20L, DPCS20-30L, DPCS20A-16, DPCS20A-32, DPCS20A-20L6, DPCS20A-30L6, DPCR20-20, DPCR20-20L, DPCR20-30L, DPCR20A-16, DPCR20A-32

## Release Status

Limited Availability

## Compatibility Information

1. The same CSCSPCS-10 cable and CSCSPCS-1 adapter used to connect the old Raritan RPC units to Dominion Series products may be used to connect the Dominion PX units to a Dominion Series unit, for example, a Dominion SX.
2. The Dominion SX release 3.1 fully supports the Dominion PX. Dominion PX is not compatible with Dominion SX releases 3.0 and lower.

3. For control via the serial port of the Dominion PX, CommandCenter® Secure Gateway release 3.1.0 or higher is required.
4. Dominion KX1.4. and Dominion KX II support Dominion PX. However, KX II only supports CommandCenter Secure Gateway 3.1.1 and above.
5. The current version of Dominion KSX is not supported.
6. The Dominion PX supports P2CIM-PWR (firmware 0A4), P2CIM-PWR (firmware 0A6) and D2CIM-PWR (firmware 00B3)

## Features

**Updates in the 1.0 release include:**

1. Supports remote serial and TCP-IP access
2. Supports outlet-level power metering and cycling.
3. Hardware-based 256-bit AES encryption
4. Strong password protection
5. UL 489 circuit breakers instead of fuses, in accordance with UL 60950
6. User-defined power sequencing
7. User-defined thresholds and alerts
8. Flexible protocol support including IPMI, SMASH, CLP, SSH, Telnet and SNMP
9. Supports advanced authorization options including outlet-level permissions and LDAP/S, RADIUS, TACACS+ and Active Directory®
10. Can be used as a standalone power management solution or integrated with other Raritan access solutions such as Dominion KX KVM-over-IP switches, Dominion SX serial console servers, Dominion KSX KVM-over-IP and serial appliances and Paragon® II analog KVM switches.
11. For centralized management, the Dominion PX PDUs and Raritan access solutions can be managed through the Raritan CommandCenter® Secure Gateway centralized management appliance.
12. Available in zero U, 1U and 2U form factors with 8, 12 and 20 outlets
13. Both NEMA- and IEC-type plugs and receptacles are available
14. Certifications include FCC Part 15, A and cTUVus which is fully compliant with UL 60950-1 Rev. 3

## Limitations and Restrictions

1. When the SSL option is enabled using Microsoft Active Directory® for authentication, the SSL-enabled option for authentication is not supported.
2. When using the Firefox® browser in Linux®, the user cannot use the pull-down menus, e.g., "Power Outlets," "Alerts," "User Management," etc. The pull-down menu shows up but cannot be accessed. To access a pull-down menu, e.g., Power Outlets => Unit Setup, the user must click on the Power Outlet tab first, then access Unit Setup from the page. This problem only happens to Firefox in Linux. Other browsers in Windows work fine. The problem is not observed with Firefox 2.0.0.3, Mozilla 1.7.13 or IE 6.0.3790.1830.
3. When changing the IP address from Hyperterminal, the change takes effect in about two seconds, but Hyperterminal still shows the old IP address until the user presses "Enter" after five seconds.
4. When changing the IP address configuration from Static to DHCP, the Dominion PX unit has to be reset

## Ordering Information

N/A

**Release Package Details**

The release packages (ZIP file) for Dominion PX have the following components:

- Not applicable

**Important Notices**

1. The Dominion PX intelligent power distribution unit (PDU) is designed with accurate power monitoring circuitry. Each Dominion PX PDU is calibrated during burn-in testing at the factory. Until the PDU reaches operating temperature (30 minutes), voltage and current readings may be higher than the actual outputs at the receptacles. This is considered normal operation.

**Release History**

| Release | Version | Date | Description of Change |
|---------|---------|------|----------------------|
| 1.0 | 1.0 | May 2007 | Not applicable |

**Expiration Date of Content**

This document will be obsolete when the next generally available release is posted on the Raritan Web site. Contact Raritan Customer Support or check the Web site (http://www.raritan.com/support) for updated versions of the Dominion PX firmware, release notes and users' guide.

**Partner Information**

N/A

**Technical Support Guidelines**

Please contact your local technical support if there are any questions. For Technical Support information, please call Raritan, Inc. Technical Support at 800-724-8090.

**Attachments**

There are no attachments for this bulletin.

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