

Программное обеспечение VisuNet RM Shell

Технические характеристики

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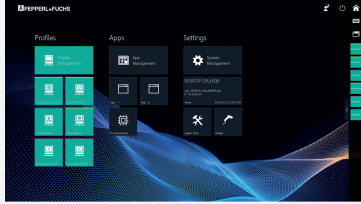
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Thin Client Firmware

VisuNet RM Shell 6



- Innovative firmware to support easy integration and management of remote monitors and thin clients
- Supports installation of third-party applications, like Citrix Receiver and Embedded Webrowsers
- Microsoft Unified Write Filter, firewall, USB lock-down, and virus scanner support for maximum system security
- Based on Microsoft® Windows 10 IoT Enterprise LTSC 2021
- Auto connect to host systems after RM startup
- Connection loss detection and backup connections for highest reliability
- Simultaneous start of multiple remote connections

Thin Client Firmware for VisuNet Remote Monitors, Box Thin Clients and Tablet Thin Clients (mobile)

Function

Pepperl+Fuchs VisuNet Remote Monitors (VisuNet RMs) and Box as well as Tablet Thin Clients are industrial grade thin client solutions that give operators a simplified, modern user interface. VisuNet RM Shell 6 firmware enables users to easily access the applications that run on a process control systems via Ethernet.

With this basic version of the VisuNet RM Shell, all standard features of the software are available. Optional license keys offer extended features.

Technical Data

Software		
Operating system		Based on Microsoft® Windows 10 IoT Enterprise LTSC 2021
Languages		English
Licensing		Standard version of the RM Shell 6 is included with every new VisuNet Remote Monitor and Thin Client. To enable additional features, check the additional license options available for RM Shell 6.
Available licenses		PRO license key, Emerson DRDC license key, VisuNet CC license key
Installation		Pre-installed on VisuNet Remote Monitor, Box Thin Client and Tablet Thin Client (depending on product variant).
Associated products		VisuNet Remote Monitors, Box Thin Clients and Tablet Thin Clients (mobile) with pre-installed RM Shell 6

Features

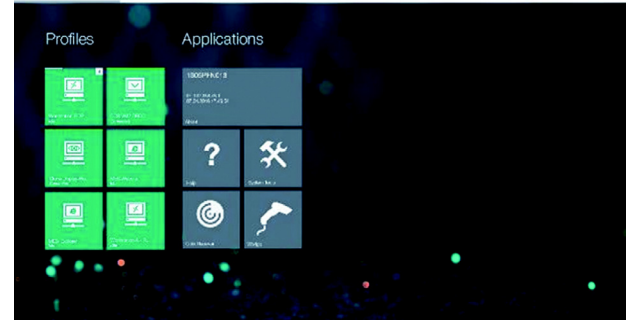
- Restricted Web browser (Internet Explorer-based): Allows the secure direct access of HTML-based MES and SCADA systems
- Restricted Web browser (Chrome-Engine-based): HTML5 compatible web browser that enables the secure access of websites and web-applications.
- Desktop Sharing: Clone a Remote Monitor to work with one host system from several Remote Monitors simultaneously
- Raritan KVM Profile: Client allows to directly connect to Raritan Dominion KX II-101 V2 KVM-Switch

Application

Pepperl+Fuchs VisuNet Remote Monitors (VisuNet RMs) are industrial-grade thin client solutions that give operators a simplified, modern user interface. The firmware of a VisuNet RM, called VisuNet RM Shell, enables users to easily access applications that run on process control systems via Ethernet.

With the RM Shell 5 pro license key, additional features can be enabled in RM Shell 5. Refer to the feature table to see which features are unlocked.

PRO License



Software	
Operating system	based on Microsoft Windows 10 IoT Enterprise LTSC
Languages	English
Licensing	
Available licenses	1x license key to enable "Pro" features of one VisuNet Remote Monitor with pre-installed RM Shell 5.x
Installation	Licenses can only be enabled in the RM Shell 5.x by user role "Administrator".
Associated products	VisuNet Remote Monitors with pre-installed RM Shell 5.x

License Bundles

Product	Number of Licenses	Part Number
VISUNET-RM-SHELL5-PRO-5	5	548290
VISUNET-RM-SHELL5-PRO-10	10	548291
VISUNET-RM-SHELL5-PRO-30	30	548292
VISUNET-RM-SHELL5-PRO-50	50	548293

Features unlocked with PRO License (#548289)

Features	Description
Restricted web browser, based on Internet Explorer	Fast HTML browser that uses Internet Explorer for rendering websites. Operators can be restricted to specified websites.
Restricted web browser, based on Chrome engine	Fast HTML5 browser that uses the Google Chrome rendering engine. Operators can be restricted to specified websites.
Desktop sharing	This feature allows users to clone a Remote Monitor and display its desktop on other VisuNet Remote Monitors (requires RM Shell 4.0.3 or later)
Raritan KVM profile	Client allows direct connection to Raritan Dominion KX II-101 V2 KVM-Switch

Features

- Allows you to directly connect from a VisuNet Remote Monitor to a virtualized Emerson DeltaV system

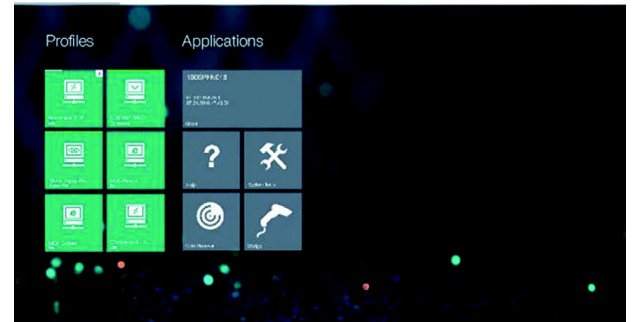
Application

Pepperl+Fuchs VisuNet Remote Monitors (VisuNet RMs) are industrial-grade thin client solutions that give operators a simplified, modern user interface. The firmware of a VisuNet RM, called VisuNet RM Shell, enables users to easily access applications that run on process control systems via Ethernet.

With the RM Shell 5 DRDC license key, the EMERSON DRDC client can be enabled in the RM Shell 5:

The EMERSON DeltaV® Remote Desktop Connection (DRDC) client allows direct connection to a virtualized Emerson DeltaV system from a VisuNet RM. No additional thin clients are required in the safe area. Further, all features of a VisuNet RM (such as auto-connect, connection loss detection, backup connection, etc.) can be used for a DRDC connection, which gives you maximum reliability in your process automation application.

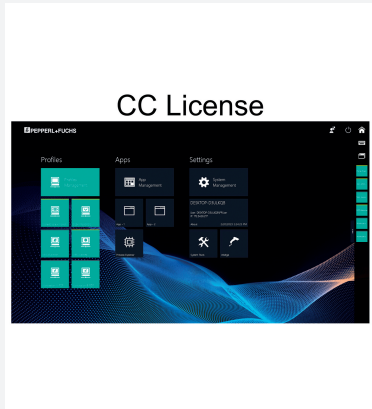
DRDC License



Software	
Operating system	based on Microsoft Windows 10 IoT Enterprise LTSC
Languages	English
Licensing	
Available licenses	1x license key to enable "DeltaV Remote Desktop Connection (DRDC) Client" features of one VisuNet Remote Monitor with pre-installed RM Shell 5.x
Installation	Licenses can only be enabled in the RM Shell 5.x by user role "Administrator".
Associated products	VisuNet Remote Monitors with pre-installed RM Shell 5.x

License Bundles

Product	Number of Licenses	Part Number
VISUNET-RM-SHELL5-DRDC-5	5	548295
VISUNET-RM-SHELL5-DRDC-10	10	548296
VISUNET-RM-SHELL5-DRDC-30	30	548297
VISUNET-RM-SHELL5-DRDC-50	50	548298



Control Center License Key VISUNET-RM-SHELL6-CC

- Enables easy, centralized management of a Remote Monitor via the VisuNet Control Center

VisuNet Control Center License Key for RM Shell 6

Function

Pepperl+Fuchs VisuNet Remote Monitors (VisuNet RMs) are industrial- grade thin client solutions that give users a simplified, modern user interface. The firmware of a VisuNet RM, called VisuNet RM Shell, enables users to easily access applications that run on process control systems via Ethernet.

With the CC license key, the "VisuNet Control Center interface" feature can be enabled in the RM Shell 6.x (or newer). This interface enables an RM to be centrally managed via the VisuNet Control Center. This allows functions such as downloading/uploading profiles, changing device settings, and session shadowing.

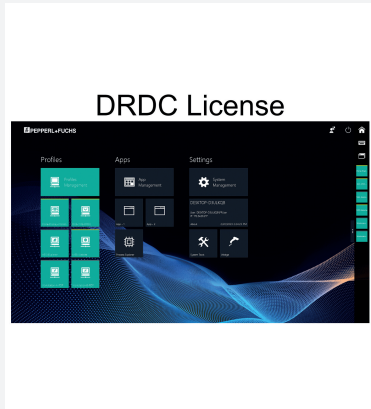
Technical Data

Software

Operating system	Compatible with Microsoft Windows 7 and newer and .Net Framework 4.7.2 required	
Languages		English
Licensing		
Available licenses		1x license key to enable "Control Center interface" feature of one VisuNet Remote Monitor with pre-installed RM Shell 6.x (or newer)
Installation	Licenses can only be enabled in the RM Shell 6.x (or newer) by user role "Administrator".	
Associated products	VisuNet Remote Monitors with pre-installed RM Shell 6.x VisuNet Control Center	

Shell 6 CC

Part No.	Model Number
XSP2-037-01R	VISUNET-RM-SHELL6-CC-DLK
70162159	VISUNET-RM-SHELL6-CC
70162160	VISUNET-RM-SHELL6-CC-5
70162161	VISUNET-RM-SHELL6-CC-10
70162162	VISUNET-RM-SHELL6-CC-30
70162164	VISUNET-RM-SHELL6-CC-50



DRDC License Key

VISUNET-RM-SHELL6-DRDC

- Allows you to directly connect from a VisuNet Remote Monitor to a virtualized Emerson DeltaV system

DRDC License Key for RM Shell 6

Function

Pepperl+Fuchs VisuNet Remote Monitors (VisuNet RMs) are industrialgrade thin client solutions that give operators a simplified, modern user interface. The firmware of a VisuNet RM, called VisuNet RM Shell, enables users to easily access applications that run on process control systems via Ethernet.

With the RM Shell 6 DRDC license key, the EMERSON DRDC client can be enabled in the RM Shell 6:

The EMERSON DeltaV® Remote Desktop Connection (DRDC) client allows direct connection to a virtualized Emerson DeltaV system from a VisuNet RM. No additional thin clients are required in the safe area. Further, all features of a VisuNet RM (such as autoconnect, connection loss detection, backup connection, etc.) can be used for a DRDC connection, which gives you maximum reliability in your process automation application.

Technical Data

Software

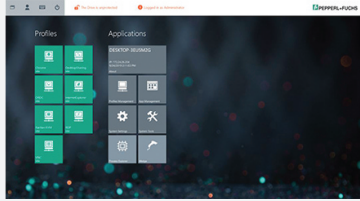
Operating system	Based on Microsoft® Windows 10 IoT Enterprise LTSC 2021
Languages	English
Licensing	
Available licenses	1x license key to enable "DeltaV Remote Desktop Connection (DRDC) Client" features of one VisuNet Remote Monitor with pre-installed RM Shell 6.x
Installation	Licenses can only be enabled in the RM Shell 6.x (or newer) by user role "Administrator".
Associated products	VisuNet Remote Monitors with pre-installed RM Shell 6.x

Shell 6 DRDC

Part No.	Model Number
XSP2-037-02R	VISUNET-RM-SHELL6-DRDC-DLK
70162169	VISUNET-RM-SHELL6-DRDC
70162170	VISUNET-RM-SHELL6-DRDC-5
70162171	VISUNET-RM-SHELL6-DRDC-10
70162172	VISUNET-RM-SHELL6-DRDC-30
70162173	VISUNET-RM-SHELL6-DRDC-50

Thin Client Firmware

VisuNet RM Shell 5 (2019 LTSC)



- Innovative firmware to support easy integration and management of remote monitors and thin clients
- Supports installation of third-party applications, such as Citrix Receiver and Java Runtime
- Based on Microsoft® Windows 10 IoT Enterprise LTSC 2019
- Microsoft Universal Write Filter, firewall, USB lock-down, and virus scanner support for maximum system security
- Auto connect to host systems after RM startup
- Connection loss detection and backup connections for highest reliability
- Simultaneous start of multiple remote connections

Thin Client Firmware for VisuNet Remote Monitors, Box Thin Clients and Tablet Thin Clients (mobile)

Function

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Technical Data

Software

Operating system	Based on Microsoft® Windows 10 IoT Enterprise LTSC 2019	
Languages		English
Licensing	Standard version of the RM Shell 5 is included with every new VisuNet Remote Monitor and Thin Client. To enable additional features, check the additional license options available for RM Shell 5.	
Available licenses		PRO license key, Emerson DRDC license key, VisuNet CC license key
Installation	Pre-installed on VisuNet Remote Monitor, Box Thin Client and Tablet Thin Client (depending on product variant).	
Associated products		VisuNet Remote Monitors, Box Thin Clients and Tablet Thin Clients (mobile) with pre-installed RM Shell 5

Accessories

	VISUNET-RM-SHELL5-CC	VisuNet Control Center License Key for RM Shell 5
	VISUNET-RM-SHELL5-DRDC	DRDC License Key for RM Shell 5
	VISUNET-RM-SHELL5-PRO	PRO License Key for RM Shell 5

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