

Matrix42

Empirum v12 R2 New Features and Changes

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1 Preface

With Empirum v12 R2, Matrix42 AG provides significant enhancements to the functionality and usability of the Empirum Suite.

The ideas and requirements of our customers and partners have been included in and have contributed significantly to the development of this new functionality. We will continue with this tradition, which will ensure that Empirum will remain the leading-edge device life cycle management solution in the market.

The Matrix42 team says thank-you to all contributors and looks forward to a continued good and constructive cooperation with our customers and partners.

Detailed information on all functionality can be found in the respective help documentation.

2 General New Features and Changes

2.1 Empirum Management Console (EMC)

- ▶ Reduced number of clicks for activation.
- ▶ The log-in window can be used to switch the language.

2.2 Web Console (EWC)

- ▶ Option to hide the left and right tree via a DB role.
- ▶ Scheduler dialog for activation and distribution is identical to EMC dialog.
- ▶ Reduced number of clicks for client activation.

3 Software Management

3.1 Advanced Agent Enhancements

- ▶ Software installation following operating system installation has been optimized to allow for the timely installation of all assigned packages. The activity is displayed to the user and any required reboots are performed automatically.
- ▶ For installations without a logged-in user, activities are displayed in the log-on screen.
- ▶ If the system is not connected to the network, the Agent installs the packages that are already residing in the local cache. If the kiosk is launched manually, only these packages are shown for installation.
- ▶ If a user logs onto the system while an automatic software installation is being performed, the user is alerted if a reboot is required.

3.2 Legacy Agent

- ▶ New command-line parameter (/BR) for the software depot to suppress any REVOKES without suppressing required reboots.

3.3 Packaging Tools

- ▶ The previous Package Editor has been replaced by a new version. This is a .NET-based editor with enhanced "look & feel" that provides numerous new functionality (file and registry import, intellisense, bookmarks etc.).
- ▶ The Package Wizard features a new option to create an Empirum package, based on a Package Robot script.
- ▶ Matrix42 Package Robot provides full Windows x64 support. Additional new features:
 - ▷ New template (Empirum error handling, delayed execution).
 - ▷ New compiler instructions.
 - ▷ File description for created EXE files.
 - ▷ Office Control support in InstaRec.
- ▶ Enhanced functionality has been added to the "Setup.exe" software installation interpreter.
 - ▷ New copy flag – KEEPEXISTING.
 - ▷ New option to display the process progress, e.g., for external calls.
 - ▷ New file selection option - "Create new folder".

3.4 Patch Management

- ▶ Faster transfer of log files from the patch management client to the Empirum server.

4 OS-Installer

- ▶ The operating system sources are partly stored in compressed form when Windows Vista, Windows Server 2008, Windows 7 and Windows Server 2008 R2 are reimported (winsxs directory) to accelerate the preparatory EPE phase of an operating system installation.
- ▶ It is now possible to use the native Linux command-line program "cp" to copy the operating system files, which speeds up the preparatory EPE phase of an operating system installation.
- ▶ It is not necessary any more to include the respective kernel parameters into the EPE image to install an operating system on the correct target device (local hard disk, RAID volume etc.); by default, the device specified in BIOS will be used.
- ▶ If a Windows 7 operating system installation is performed, it is possible to specify that the default service partition used by Empirum is also used as Bitlocker partition to encrypt one or several partitions with Bitlocker at a later point in time.
- ▶ Empirum job drivers of the "Miscellaneous driver" category are operating-system and architecture-dependent; you can specify for each individual OS/arch whether an Empirum job shall be performed. A driver will be executed as Empirum job automatically if an install\setup.inf file is available in the respective driver directory.

5 Personal Backup

- ▶ The Personal Backup log has been integrated into the centralized console.
- ▶ Personal Backup is now included in the alarm management feature. It is possible to set up alarms for successful backups and restores as well as failed backups and restores.

6 Inventory

- ▶ Inventory detects and sets the computer type property automatically. A new field displays the operating system category.

7 Compatibility with the Service Store

	Service Store 5.10	Service Store 5.20	Service Store 5.21	Service Store 5.30
Empirum 2008 [SQL]	✓	✓	✓	✗
Empirum 2008 [Oracle]	✓	✓	✓	✗
Empirum v12 [SQL]	✓	✓	✓	✓
Empirum v12 [Oracle]	✓	✓	✓	✓
Empirum v12R2 [SQL] [end of May 2010]	✗	✗	✓	✓ ¹
Empirum v12R2 + Integration Package [SQL] [end of June 2010]	✗	✗	✗	✓ ¹
Empirum v12R2 + Integration Package [Oracle] [end of June 2010]	✗	✗	✗	✗

1) Enhanced Integration Feature Set

8 Important Notes

Please note that the system requirements for Empirum v12 R2 have changed. The system requirements can be found in the PDF file on the Empirum DVD in the Manuals directory:

- ▶ Empirum_v12_R2_System_Requirements_DE.pdf
- ▶ Empirum_v12_R2_System_Requirements_EN.pdf

Matrix42 USA, Inc.

400 Perimeter Center Terrace
Suite 250
Atlanta, Georgia 30346
USA

Phone 1: (888) MX42 USA

Phone 2: (888) 6942-872

Mail: info@matrix42.com

Web: www.matrix42.com

MEMBER OF
ASSECO
GROUP