WELOCALIZE GLOBALSIGHT Sep 2011

[New features in this release 2](#_Toc304307306)

[Contents of WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack DVD 2](#_Toc304307307)

[Reason for installing this software release 6](#_Toc304307308)

[Installation method 6](#_Toc304307309)

[Hardware and software requirements for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc304307310)

[Supported Waters software for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc304307311)

[Backward Compatibility 6](#_Toc304307312)

[Supported computers and operating for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 7](#_Toc304307313)

[WELOCALIZE GLOBALSIGHT minimum hardware requirements and maximum detector data rates 7](#_Toc304307314)

[Installing the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack Release 8](#_Toc304307315)

[Installing this release in an Empower Enterprise environment 8](#_Toc304307316)

[Troubleshooting and uninstalling 10](#_Toc304307317)

New features in this release

C-Job Workflow Manager–FTN

* Added support for the WELOCALIZE 30-cm Column Heater/Cooler.
* Added support for the 1000-L extension loop and the 250-L Workflow syringe.

WELOCALIZE GLOBALSIGHT C-Job Project Manager

* Added Auto•Dispatch Plus™ software feature.

With this feature, you can blend liquid mobile phases (acid, base, aqueous, and salt solution) of known composition and concentration. Select individual steps with.

* Added a graphical display of gradient composition to the method editor.

See also: WELOCALIZE Console online Help for information.

Contents of WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack DVD

Recommendation: Install this update on all WELOCALIZE GLOBALSIGHT® , to ensure features and capabilities are current. See “Reason for installing this software release” on page 4.

These items are on the DVD:

* Software for the WELOCALIZE GLOBALSIGHT C-Job system, the WELOCALIZE GLOBALSIGHT C-Job Bio System, and the WELOCALIZE GLOBALSIGHT System
* WELOCALIZE GLOBALSIGHT Columns Calculator (for methods transfer)
* Required software change note (SCN) 733 (for the MassLynx 4.1 data application)
* All current instrument drivers for WELOCALIZE GLOBALSIGHT C-Job, WELOCALIZE GLOBALSIGHT C-Job Bio, and WELOCALIZE GLOBALSIGHT instrument modules. The C-Job and C-Job Bio modules are version 8.11 (excluding the new column manager, which is at version 1.45); the WELOCALIZE GLOBALSIGHT modules remain at version 8.20.

See also: *Column Compartments Operator’s Overview and Maintenance Information* on the WELOCALIZE GLOBALSIGHT C-Job (and C-Job Bio) System Documentation CD for information on column compartment modules and abbreviations.

Note: This release is tested only for WELOCALIZE GLOBALSIGHT C-Job and WELOCALIZE GLOBALSIGHT C-Job Bio system configurations that include these modules:

* Workflow Manager-FTN (WM-FTN), including Column Heater (CH-A)
* Project Manager
* Column Manager (CM-A)
* Pop up Manager (PM-A)
* 30-cm Column Heater (CH-30A)
* WELOCALIZE 30-cm Column Heater/Cooler
* All existing and supported WELOCALIZE GLOBALSIGHT System LC detectors
* SQ and TQ mass spectrometers

|  |  |
| --- | --- |
|  | **Caution:** To avoid introducing incompatible versions of drivers, install older drivers before newer drivers and install at least one driver from the Sep 2011 Driver Pack DVD as the final step in *all* installation processes. |

Example: If an earlier WELOCALIZE GLOBALSIGHT CD or DVD (or a non-WELOCALIZE CD or DVD) is used to install an instrument driver, use the Sep 2011 DVD to reinstall at least one driver to reconcile any incompatibility you might have introduced.

WELOCALIZE GLOBALSIGHT C-Job System software

| Module | Firmware Version | Firmware Checksum |
| --- | --- | --- |
| WELOCALIZE GLOBALSIGHT C-Job Project Manager | 8.11 | WgA78D6E52 |
| WELOCALIZE GLOBALSIGHT C-Job Workflow Manager - FTN with CH-A | 8.11 | Wg54C884A9 |
| WELOCALIZE GLOBALSIGHT C-Job Column Manager (CM-A)  Note: This installer deploys two firmware files – one for CM-A and one for the WELOCALIZE GLOBALSIGHT Column Manager (classic column manager, without a preheater) | 8.12 | Wg36E73CB9 |
| MassLynx™ data application, v4.1, SCN 733 | Not applicable | Not applicable |

Detector and other software

| Module | Firmware Version | Firmware Checksum |
| --- | --- | --- |
| WELOCALIZE GLOBALSIGHT Columns Calculator | Not applicable | Not applicable |
| WELOCALIZE GLOBALSIGHT Local Console Controller | Not applicable | Not applicable |
| WELOCALIZE GLOBALSIGHT Photodiode Array Detector (PDA) and PDA edetectors | 8.20 | Wg19FB8350 |
| WELOCALIZE GLOBALSIGHT Tunable UV Detector (TUV) | 8.20 | WgE45CD0C3 |
| WELOCALIZE GLOBALSIGHT Fluorescence Detector (FLR) | 8.20 | WgDFF5C6F9 |
| WELOCALIZE GLOBALSIGHT Evaporative Light Scattering Detector (ELS) | 8.20 | Wg216F9370 |
| Waters® SQ Detector (controlled by Empower software) | 8.20 | Not applicable |
| Waters TQ Detector (controlled by Empower software) | 8.20 | Not applicable |

Note: The 3100 Mass Detector is supported with WELOCALIZE GLOBALSIGHT C-Job , but its software is not included on this DVD. Refer to the 3100 Mass Detector installation media for details.

See also:

* WELOCALIZE GLOBALSIGHT C-Job System Documentation Set CD (part number 715002124)
* WELOCALIZE GLOBALSIGHT Console Online Help
* WELOCALIZE GLOBALSIGHT System Driver Version 8.20 Release Notes
* *Controlling Contamination* in Ultra Performance LC/MS and HPLC/MS

Limitations:

* This release does not apply to nanoWELOCALIZE® .
* The WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio are supported with SQ and TQ Mass Detectors. The WELOCALIZE GLOBALSIGHT C-Job system is also supported with 3100 Mass Detectors.

[New features in this release 2](#_Toc300910047)

[Contents of WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack DVD 2](#_Toc300910048)

[Reason for installing this software release 6](#_Toc300910049)

[Installation method 6](#_Toc300910050)

[Hardware and](#_Toc300910051)

[[New features in this release 2](#_Toc300910051)](#_Toc304307324)

[[Contents of WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack DVD 2](#_Toc300910051)](#_Toc304307325)

[[ Workflow Manager-FTN (WM-FTN), including Column Heater (CH-A) 3](#_Toc300910051)](#_Toc304307326)

[[ Project Manager 3](#_Toc300910051)](#_Toc304307327)

[[ Column Manager (CM-A) 3](#_Toc300910051)](#_Toc304307328)

[[ Pop up Manager (PM-A) 3](#_Toc300910051)](#_Toc304307329)

[[ 30-cm Column Heater (CH-30A) 3](#_Toc300910051)](#_Toc304307330)

[[ WELOCALIZE 30-cm Column Heater/Cooler 3](#_Toc300910051)](#_Toc304307331)

[[ All existing and supported WELOCALIZE GLOBALSIGHT System LC detectors 3](#_Toc300910051)](#_Toc304307332)

[[ SQ and TQ mass spectrometers 3](#_Toc300910051)](#_Toc304307333)

[[Reason for installing this software release 5](#_Toc300910051)](#_Toc304307334)

[[Installation method 5](#_Toc300910051)](#_Toc304307335)

[[Hardware and software requirements for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910051)](#_Toc304307336)

[[Supported Waters software for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910051)](#_Toc304307337)

[[Backward Compatibility 6](#_Toc300910051)](#_Toc304307338)

[[Supported computers and operating for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910051)](#_Toc304307339)

[[ For this release, a standalone or acquisition client workstation is supported only with a single MS-based system. 7](#_Toc300910051)](#_Toc304307340)

[[ Waters publishes incremental information on operating system and hotfix support to the Services and Support area of its Web site. 7](#_Toc300910051)](#_Toc304307341)

[[WELOCALIZE GLOBALSIGHT minimum hardware requirements and maximum detector data rates 7](#_Toc300910051)](#_Toc304307342)

[[Installing the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack Release 7](#_Toc300910051)](#_Toc304307343)

[[Installing this release in an Empower Enterprise environment 8](#_Toc300910051)](#_Toc304307344)

[[Troubleshooting and uninstalling 9](#_Toc300910051)](#_Toc304307345)

[software requirements for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910051)

[Supported Waters software for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910052)

[Backward Compatibility 6](#_Toc300910053)

[Supported computers and operating for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio 6](#_Toc300910054)

[WELOCALIZE GLOBALSIGHT minimum hardware requirements and maximum detector data rates 7](#_Toc300910055)

[Installing the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack Release 7](#_Toc300910056)

[Installing this release in an Empower Enterprise environment 8](#_Toc300910057)

[Troubleshooting and uninstalling 9](#_Toc300910058)

Reason for installing this software release

You must install this software if you intend to use the WELOCALIZE GLOBALSIGHT Column Manager (CM‑A) with C-Job . You must also install this software on an WELOCALIZE GLOBALSIGHT C-Job Bio System. Otherwise, the installation is optional.

Install this software release for these reasons:

* To operate the new WELOCALIZE GLOBALSIGHT Column Manager (CM-A or BioCM-A) with an C-Job or C-Job Bio system
* To access Auto•Blend Plus software
* To use the revised Waters Columns Calculator for transferring methods between UPLC and HPLC

This release also corrects some issues affecting the performance of the WELOCALIZE GLOBALSIGHT C-Job Project Manager and WELOCALIZE GLOBALSIGHT C-Job Workflow Manager – FTN (configured with the CH-A) since their January 2010 release. A list of issues fixed in this release appears later in this document.

Installation method

You can install this software release by one of these methods:

* The DVD provided with this document.
* Downloading from the Waters Web site. Visit http://www.waters.com/waters/home.htm, and click Services & Support > Support > Software Downloads (support plan required).

Hardware and software requirements for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio

### Supported Waters software for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio

This release supports MassLynx, Empower™ 1154 (English and Japanese), and Empower 2 data system software (English, Chinese, Japanese, and Korean language versions). It also supports the following Waters applications:

* MassLynx 4.1 SCN 714 with SCN 733
* Empower 1154: WELOCALIZE service pack (SP) to Service Pack M (standard C-Job only)
* Empower 2: base release to Service Pack G

Requirement: If an SQ, TQ, or 3100 detector is part of the system, you must install, at a minimum, Empower 2 Feature Release 4. Note that the Empower2 System Suitability option is required.

Exception: The WELOCALIZE GLOBALSIGHT C-Job Bio system does not support Empower 1154.

Backward Compatibility

Note: There are no prior releases of the C-Job Bio system.

This release supports the use of up to six columns and six independent temperature zones in a system configured with an WELOCALIZE GLOBALSIGHT Column Manager (CM-A) and Pop up Manager (PM-A) modules.

See also: *Column Compartments Overview and Maintenance Information* on the system documentation CD. This is <span test="hello" title=biaoti>I'm text in <bb>span <a>text under a</a> text {between a and span}</span> a demo string

Supported computers and operating for WELOCALIZE GLOBALSIGHT C-Job and C-Job Bio

This software update is supported on Windows Vista Business, with Service Pack 1; Windows Vista Enterprise, with Service Pack 1; and Windows XP, with Service Pack 2 and 3, for personal workstations and clients.

See also:

* The Waters web site for release notes that include details on test configurations, operating , service Packs, and hotfixes.
* Empower 2 Feature Release 5 and MassLynx SCN 714 Release Notes for additional information on supported operating for servers in workgroup/enterprise environments
* Empower Service Packs and Feature Releases
* MassLynx service Packs and software change notes

| Empower 2 Feature Release or Service Pack | Supported Operating |
| --- | --- |
| Feature Release 5 to SP G (Personal) | Windows® Vista Business with Service Packs 1 and 2  Windows XP Professional with Service Packs 2 and 3 |
| Feature Release 5 to SP G (Acquisition Client) | Windows Vista Enterprise with Service Packs 1 and 2  Windows XP with Service Pack 2 and 3 |
| Empower 2 (base) to Service Pack G | Windows XP with Service Pack 2 |

Recommendation: Upgrade your Instrument LAN network card drivers to the most recent version when running this software on a supported Empower workstation. Consult the network card's manufacturer for the most up-to-date network card drivers.

Notes:

* For this release, a standalone or acquisition client workstation is supported only with a single MS-based system.
* Waters publishes incremental information on operating system and hotfix support to the Services and Support area of its Web site.

### WELOCALIZE GLOBALSIGHT minimum hardware requirements and maximum detector data rates

For Intel Pentium IV 2.8 GHz Processor, with 800 MHz FSB and 1 GB of RAM, one of the following sets of specifications can apply:

* 2 PDAs at 80 Hz, 210-400 nm, 4.8 nm, normal (0.05 sec), 2-Absorbance or Fluorescence 2D channels, 2-MBF 2D channels, 30 minutes run time; Empower's Run and Report Mode.
* 2 PDAs at 40 Hz, 210-400 nm, 1.2 nm, normal (0.10 sec), 2-Absorbance or Fluorescence 2D channels, 2-MBF 2D channels, 30 minutes run time, Empower's Run and Report Mode.

For Intel Pentium IV 1.7 GHz Processor with 400 MHz FSB and 1 GB of RAM, one of the following sets of specifications can apply.

* 2 PDAs at 20 Hz, 210-400 nm, 1.2 nm, normal (0.20 sec), 2-Abs 2D channels, 2-MBF 2D channels, 30 minutes run time, Empower's Run and Report Mode.
* 4 TUVs at 80 Hz, MBF enabled, 60 minutes run time, Empower's Run and Report Mode.

## Installing the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack Release

Requirements:

* If you want to run the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack release with any version of WELOCALIZE GLOBALSIGHT prior to v8.20, contact Waters Technical Service.

|  |  |
| --- | --- |
|  | **Caution:** To avoid damaging the needle, recalibrate the seal and z-axis of the WM-FTN after installing this release. |

Recommendation: Remove the Internet Information System (IIS) for the Local Console Controller when upgrading from firmware version 1.00 to this release (the default Web site has been disabled).

To install or upgrade the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack:

1. Exit all applications, and restart the computer.
2. Run Setup.exe on the DVD.
3. On the Welcome page of the setup wizard, select Install / Upgrade, and then click Next.

Result: The Deployment Manager - Option page for your system appears.

Tip: For a MassLynx-controlled WELOCALIZE GLOBALSIGHT system, the SQ and TQ detectors do not appear in the deployment manager. Instead, select the instruments during MassLynx installation.

|  |  |
| --- | --- |
|  | **Caution:** Do not cycle power on any instruments or devices until firmware for all instruments is installed. |

1. When the status of all instruments and devices is Load Complete, click OK, and then restart the computer.

## Installing this release in an Empower Enterprise environment

Important: If you want to run the WELOCALIZE GLOBALSIGHT Sep 2011 Driver Pack release with any versions of WELOCALIZE GLOBALSIGHT prior to v8.20, contact Waters Technical Service.

In workgroup/enterprise environments, MS acquisition is supported via acquisition clients only. LAC/E32 acquisitions are not supported.

This is <span test="hello" title=biaoti>I'm text in <bb>span <a> text under a </a> text {between a and span} </span> a demo string

This is I'm text in span text under a text {between a and span} a demo string

<table border=0 cellpadding=0 cellspacing=0 width=98%> <tr width="100%" class="scalehead"> <td width="100%" class="scalehead"> &nbsp; </td> </tr> </table>

For information on Empower Enterprise server or Citrix server , refer to the Waters Empower 2 Feature Release 5 Release Notes, Waters Empower 2 Service Pack D Release Notes, or Empower 2 Feature Release 4 Release Notes.

## Troubleshooting and uninstalling

If the installation fails, uninstall previous versions as follows:

1. Exit all applications and restart the computer.
2. Run Setup.exe, on the DVD.