

## MultiDSL v3.1.4: Release Notes at 23 July 2010

These Release Notes give you information about MultiDSL v3.1.4, feature changes, known issues and possible workarounds for those issues. This release adds a number of refinements to the new reports subsystem, provides bug fixes improves the installation process, and upgrades the database engine for original installations prior to v3.

### WARNING

For users who originally installed MultiDSL v1 or v2 this installer will upgrade your database engine from MSDE 2000 to SQL Server 2005. This process occurs on first run of MultiDSL and requires you to download the Microsoft SQL Server 2005 Express Edition installer. The application will guide you through the process.

### System Requirements

- **Supported Operating Systems:** Windows XP Professional; Windows Vista; Windows 7; Windows Server 2003; Windows Server 2008. Both 32-bit & 64-bit versions of all Operating Systems.
- **Processor:** 2 GHz Pentium processor or equivalent (Minimum); Pentium Duo processor or equivalent (Recommended)
- **RAM:** 1024 MB (Minimum); 2048 MB (Recommended)
- **Hard Disk:** Up to 1.5 GB of available space may be required
- **Display:** 1024 x 768 high colour (Minimum); 1280 x 1024 high colour (Recommended)

### Installation Notes

MultiDSL v3.1.4 is an upgrade from v3.1.

### Prerequisites

Before you can install this product, you must install the following packages in the order shown:

Windows Installer 3.1	<a href="http://www.microsoft.com/downloads/details.aspx?FamilyID=889482fc-5f56-4a38-b838-de776fd4138c&amp;DisplayLang=en">http://www.microsoft.com/downloads/details.aspx?FamilyID=889482fc-5f56-4a38-b838-de776fd4138c&amp;DisplayLang=en</a>
Download the .NET v3.5 bootstrapper which will then get the redistributable package. (Note that there is an SP1 now to bring	<a href="http://www.microsoft.com/downloads/details.aspx?FamilyId=333325FD-AE52-4E35-B531-508D977D32A6&amp;displaylang=en">http://www.microsoft.com/downloads/details.aspx?FamilyId=333325FD-AE52-4E35-B531-508D977D32A6&amp;displaylang=en</a>

the software up to date. The link is on the site.)	
Microsoft SQL Server 2005 Express Edition	<a href="http://www.microsoft.com/downloads/details.aspx?FamilyID=220549b5-0b07-4448-8848-dcc397514b41&amp;DisplayLang=en">http://www.microsoft.com/downloads/details.aspx?FamilyID=220549b5-0b07-4448-8848-dcc397514b41&amp;DisplayLang=en</a>
For MS SQL Server 2005 Express SP1 to support Vista. (Note that there is an SP2 and SP3 now to bring the software up to date. The links are on the site.)	<a href="http://www.microsoft.com/downloads/details.aspx?familyid=11350b1f-8f44-4db6-b542-4a4b869c2ff1&amp;displaylang=en">http://www.microsoft.com/downloads/details.aspx?familyid=11350b1f-8f44-4db6-b542-4a4b869c2ff1&amp;displaylang=en</a>

If you are installing MultiDSL A v3.1 from a product CD-ROM then all items will be automatically installed for you. If you are performing a web download install you may be required to install these prior to completing the installation. The MultiDSL A installer will advise you of missing components.

It should not be necessary to uninstall earlier versions of MultiDSL A v3 prior to installing the released version, however if problems occur while installing the released version please uninstall the earlier pre-release versions, restart the PC and try installing the release version again.

### **Installing MultiDSL A v3.1**

If you are installing MultiDSL A v3.1 for the first time on a machine please use the CD and follow the installation instructions in the supplied getting started document. If you are upgrading an existing MultiDSL A installation from the web follow the steps below:

1. Download the msi package from <http://www.malden.co.uk/mdslaupg.htm>
2. Double-click on the msi package
3. The setup program prompts you through the installation process. Follow the instructions on the screen.

### **Uninstalling MultiDSL A v3.1**

If required, you can uninstall MultiDSL A by following the steps below:

1. Select Start > Control Panel > Add or Remove Programs.
2. From the list of currently installed programs, select "MultiDSL A 3.1", and click Remove.

This process does not remove the user files, database or any licence keys installed on the system.

## Node Requirements

MultiDSL v3.1 introduces new features that require additions to the node software. Please upgrade nodes to at least the following versions:

- DSLAII firmware v6.79
- Virtual Node v2.3.0
- ISDN PRI v2.3.0
- ISDN BRI v2.3.0

MultiDSL no longer supports the VVT node type. The VVT application has been superseded by Virtual Node which offers equivalent and more functionality.

## Feature Additions and Changes in v3.1.4

### Reports

- Prior to this release, when you drilldown in a report a new page is opened for the drilldown data. When you wish to return to the report, the original page is regenerated. This made the process of working between a report and various drilldown views slow. Changes in v3.1.4 mean that the original report is maintained behind the drilldown view. Now, when you close a drilldown view the original report is instantly available.
- When generating a summary report using a Test Id the standard deviation in the metric summary area was always reported as zero. This is now correctly presented.
- The Define Report Generator panel in the MultiDSL application has been updated to match the generator panel in the browser accessed view of the page.
- Reports can be viewed from within the MultiDSL application, or from a web browser. When viewing reports simultaneously from both within the application and from the browser various minor layout issues could occur, these have been fixed.
- Prior to v3.1.4 the KPI auto update mechanism might stop after a number of hours of operation. The root cause for this has been identified and now resolved.
- In the KPI report last hour panel it is possible that not enough results exist to draw a meaningful line. Now these results are drawn as a scatter plot. This ensures that critical last hour results are visible when test density is low.
- If viewing reports using Internet Explorer 6 you are reminded in the user interface that you should upgrade to Internet Explorer 8.
- An additional date mode has been added to the KPI graph which allows you to view the last x minutes or y hours on a simple linear time scale.

### General

- If MultiDSL was placed in full-screen mode and the application was closed, on restart it would open in non-full-screen mode. When opened now, it will retain window state that was set when last closed.

- In the Measure Profile editor the text “Use Default” could on some machines, because of localisation fonts, get shortened to “Use”. To avoid this confusion the text now reads only “Default”
- Setting custom thresholds for a measure was broken in v3.1.3. This problem has now been resolved.
- The database upgrader now provides additional visual feedback that the upgrade is in progress. Prior to this release a slow running upgrade could appear as though the upgrade had blocked.
- When exporting results to file, the start and end of the export process are now logged in the event log. The path to the exported file is also included in the end export message.

## Known Issues

- The packet capture feature is being extended to allow packet capture of all MultiDSLAs control communications and also allow captures to be associated with the test on which it ran. The capture association and access features are still in development and for this release you must read the event log to determine where a capture is stored.
- Sound Relay Assistant buffer reset option Auto does not do anything.
- MSXML 6.0 may prevent SQL Server being installed. See <http://support.microsoft.com/kb/954459>
- Event log warning that P.311 test requires 32k sample rate for Out of Band measurements is not clear.
- Wait for Call State event in DSLA not working.
- On 64-bit Windows XP & Server 2003 you must change the IIS Application Pool settings account from “Network Service” to “Local System” if you wish to use web reports. To do this, navigate to Control Panel\Administrative Tools\Computer Management\Services and Applications\Internet Information Services (IIS) Manager\Application Pools\DefaultAppPool, right click to select Properties. Select the Identity tab, from the "Select a security account for this application pool" dropdown list choose "Local System". Press OK to confirm changes.
- MultiDSLAs installation may fail on Server 2008 R2 because .NET 3.5 framework is by default installed on the OS, but not enabled. Before running the installer run the following command at the Command Prompt.  
“%windir%\system32\ocsetup NetFx3”
- Upgrading versions earlier than 3.1.0 can result in an error message from DatabaseChecker being presented following installation. This message can be ignored.