



Software Release Notice

Version 1.7.33

Build 323 12 February 2013



with commitment comes success

Microsoft Partner

Silver Application Development

Software Release Notice (SRN)

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Table of Contents

1	Software Release Notice 1.7.33 build 323	4
1.1	Availability & download information	4
1.2	Changes version 1.7.33 build 323	4
1.3	Changes version 1.7.33 build 322	4
1.4	Changes version 1.7.33 build 321	5
1.5	Changes version 1.7.33 build 320	5
1.6	Changes version 1.7.33 build 319	5
2	Upgrade to 1.7.33 build 323	7
2.1	Planning your upgrade	7
2.2	Install the software and documentation ready to update the system	9
2.3	Backup using Microsoft SQL Management Console	10
2.4	Update Databases with DDL scripts	11
2.5	Upgrade SMS Server	12
3	Install and upgrade the web console	16
4	Upgrade all msXsms Servers	16

1 Software Release Notice 1.7.33 build 323

1.1 Availability & download information

Version 1.7.33 build 323 release version download location is provided via email links.

1.2 Changes version 1.7.33 build 323

- Revised Web Console to allow for ANY server, service provider etc
- AD Mobile a reserved SMS number used in Domain defaults to instruct msXsms to do a lookup of AD for a user's mobile number if no specific sender ID exists in the SMS Number table.
- Reserved word 'ANY' can be selected for Servers & service providers to allow more flexible configuration of the platform.
- Build 323 provides the building blocks for scalable bulk submission services. Multiple SMS servers can be set as ACTIVE across production and DR.
- Core code change to not look for specific service provider as this was too restrictive.
- Added support for Email Protective Marking standards 2012.2 & 2012.3. Supports: Unofficial, Unclassified or DLM Only.

1.3 Changes version 1.7.33 build 322

- New MSI Installer Technology used.
- New msXsms Administration Web Console replaces the Access front end application.
- Support new licensing bit for SMSGlobal Bundle
- Fixed bug where delivery confirmations are now recognised as return code 3.

- New feature: if a delivery confirmation arrives and the record has already been archived, the archived record is now updated with a delivery Date\time.
- Support body text being used as an sms message to a max of 320 chars including a possible configured disclaimer. This controlled using new Custom Field keywords 'bnsmemo' or 'bnsmemorp' These commands are issued against any custom fields either in the business app profile or via the message body itself.
- Support NON Active Directory Systems by allowing the Support AD flag in the msxsmsBoot.ini to be set to 0. Then check the sender domain against the domain defaults to see if it exists before letting in through.
- Record a Connect status in the Windows event log when a connection to the SMSC is established.
- Restrict connections only to SMS Global SMSC when SMSGlobal Bundle License activated.
- Fixed bug that occurs during archive where fetching 1000 rows from the MainTable will cause the working memory to go over 2TB and cause an out of memory condition. Rows fetched changed to 25 as per default.

1.4 Changes version 1.7.33 build 321

- Fixed bug where a conflict with the submit services while updating the duplicate counter in a record.
- Build 320 was never released to production.

1.5 Changes version 1.7.33 build 320

- Return code 8 and 102 are generated for invalid numbers and return code 11 with description '(11) Invalid Destination Address. The destination mobile number is invalid'..
- Also in some cases the return code did not match the description, this has been fixed.

1.6 Changes version 1.7.33 build 319

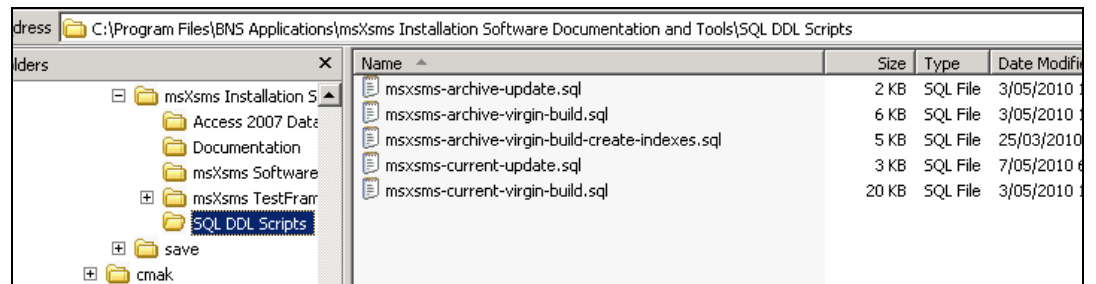
- Tune service to improve throughput for Flood disaster.

- Improve SQL select when handling large volumes.
- Fix bug where the occurrence of [] in an EPM Message other than in the classification cause the service to consume CPU and loop.
- All services requiring connection to the Archive will retrieve a new location for the SQL Server from the msXsmsboot.ini. The new field is Database-Prod-ArchiveSqlServer-str. This allows the Prod Current Database and the Prod Archive to exist on different SQL servers.

2 Upgrade to 1.7.33 build 323

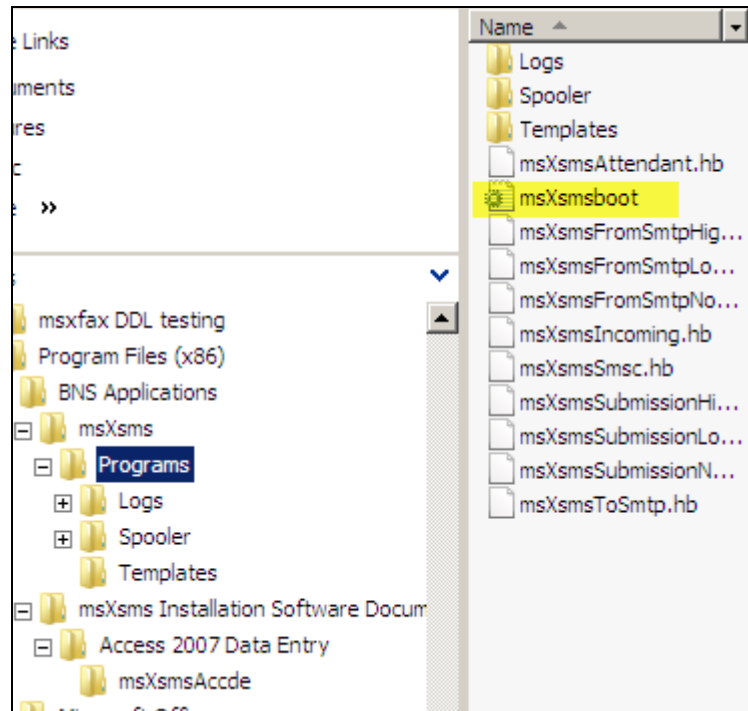
2.1 Planning your upgrade

- You will need the msXsms service account password during the upgrade.
- Perform upgrades in your test environment.
- DDL's are placed in a folder SQL DDL Scripts when you run the installer program. Note: this installation process only drops the software and documentation onto your system.
- If you require a copy of the DDL's before you run any software please send a support request to support@bnsgroup.com.au and state which version you're planning to install.



NOTE: the DDL will apply all updates required to the database irrespective of which release you are upgrading from.

SQL DDL command file	Description
msXsms-current-update.sql	Upgrades tables in the SQL Database called msXsms-Current.
msXsms-archive-update.sql	Upgrades tables in the SQL Database called msXsms-Archive.



- Copy msXSMSboot.ini to a location eg: C:\savemsXsmsbootinibefore322

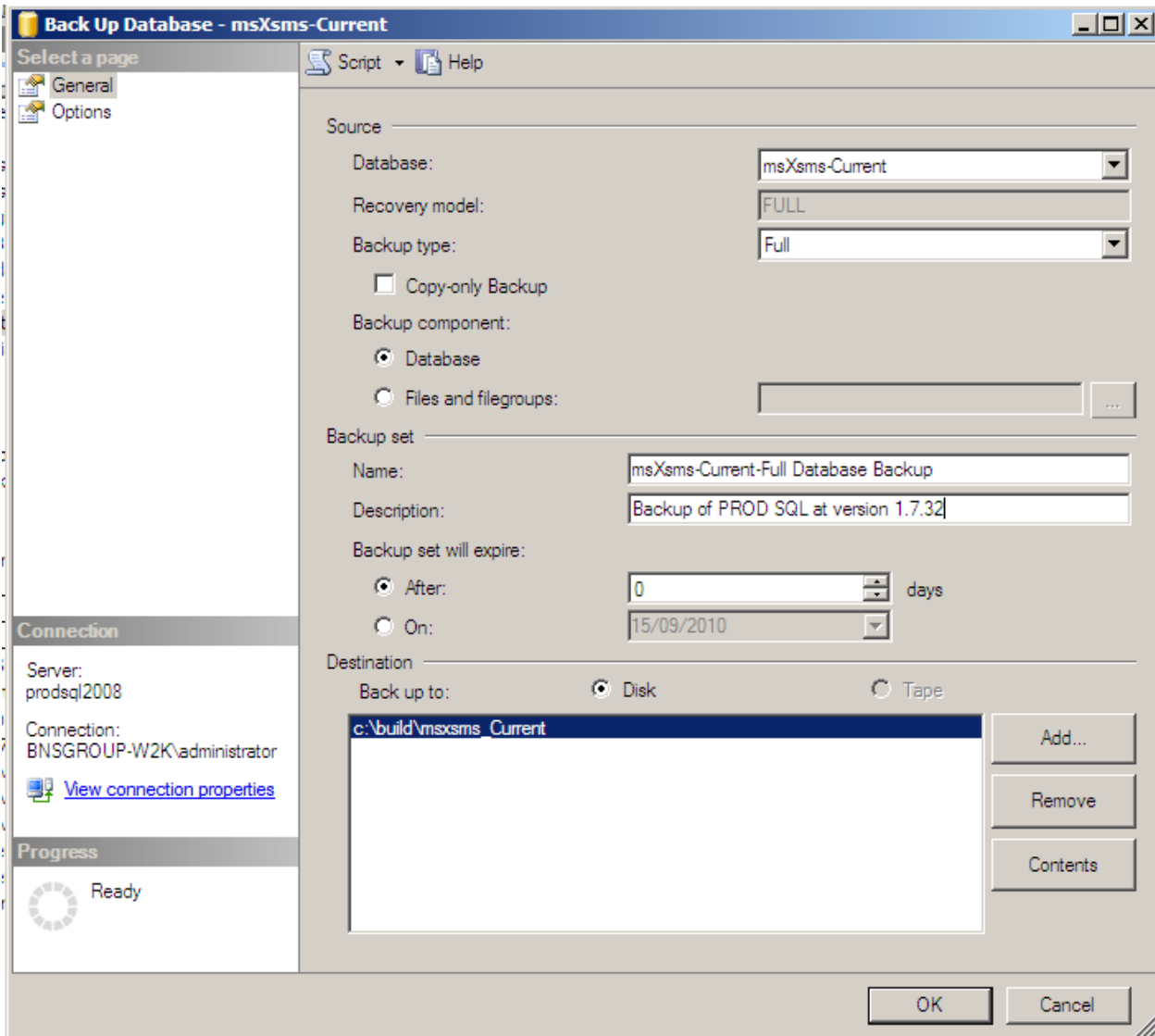
2.2 Install the software and documentation ready to update the system

- **DO THIS IN YOUR TEST ENVIRONMENT FIRST**
- Co-ordinate a suitable time with your SQL DBA to apply the DDL's in the upgrade window. DDLs are exposed when you run the install_msxsms.msi below. If you require a copy of the DDL's before hand send a support request to support@bnsgroup.com.au
- Copy install_msxsms.msi to the SMS server
eg: folder x:\msxsms\1v7v33build323
- Make a list of any msXsms services which are currently disabled.
- Stop msXsms services.
- Snap shot or backup your msXsms Server(s)
- Request SQL DBA to backup the databases just in case you need to rollback for any reason.
- Run the install_msxsms.msi from x:\msxsms\1v7v33build323 on the msXsms server.



- Accept the current license screen.
- Follow the wizard.
- Make sure you select the same location is where you installed the last release of software
- The Installation software and documentation is refreshed over the top of the existing installation Software and documentation.

2.3 Backup using Microsoft SQL Management Console



- Contact your DBA to backup msXsms databases. Current and Archive.

2.4 Update Databases with DDL scripts

Name	Size	Type
msxsms-archive-update.sql	2 KB	Micros
msxsms-archive-virgin-build.sql	6 KB	Micros
msxsms-archive-virgin-build-c...	5 KB	Micros
msxsms-current-update.sql	2 KB	Micros
msxsms-current-virgin-build.sql	20 KB	Micros

Note: if the version of the database is already at 1.7.33 then you do not have to run the Update DDLs.

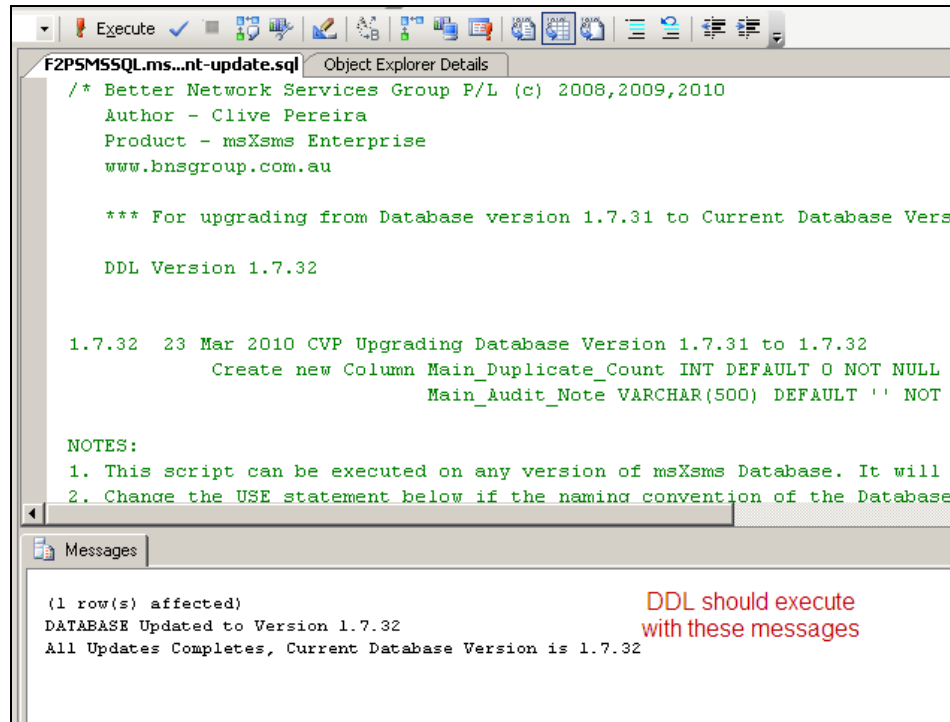
- Ask your SQL DBA to use the above 'UPDATE' scripts to upgrade the database.
- The example below shows how this is performed using Microsoft SQL management console.
- Execute the msXsms-Archive-Update.SQL against the msXsms Archive Database.
- Your DDL will be at version 1.7.33

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer shows the 'msXsms-Archive' database selected. The main pane displays the execution of a script named 'F2P5M55SQL.msx...ive-update.sql'. The script content includes a header with author and product information, followed by a comment: '*** For upgrading from Archive Database version 1.7.31 to Current A...'. The script then defines 'DDL Version 1.7.32' and lists the changes: '1.7.32 23 Mar 2010 CVP Upgrading Database Version 1.7.31 to 1.7.32' and 'Create new Column Main_Duplicate_Count INT DEFAULT 0 NOT N' and 'Main_Audit_Note VARCHAR(500) DEFAULT '''. Below the script, the 'Messages' pane shows the execution results: '(1 row(s) affected)', 'DATABASE Updated to Version 1.7.32', and 'All Updates Completes, Archive Database Version is 1.7.32'. A red arrow points from the text 'Check your upgrade DDL worked' to the 'DATABASE Updated to Version 1.7.32' message.

- Close the object window

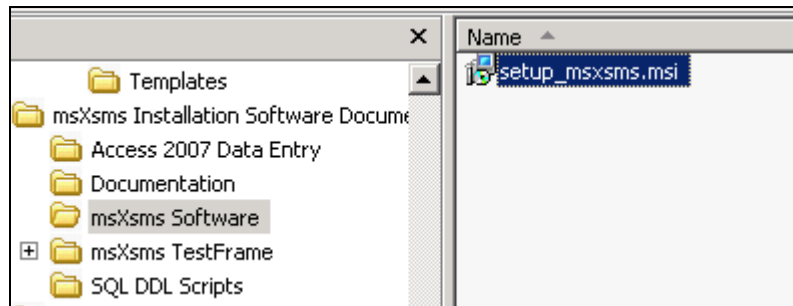
Name	Size
msxsms-archive-update.sql	2 KB
msxsms-archive-virgin-build.sql	6 KB
msxsms-archive-virgin-build-c...	5 KB
msxsms-current-update.sql	2 KB
msxsms-current-virgin-build.sql	20 KB

- Execute the msXsms-Current-Update.SQL against the msXsms CURRENT Database.
- This will open a new object explorer window in SQL management console. Alternatively, copy the DDL to your administration tools and apply as required.



- Your version will say 1.7.33

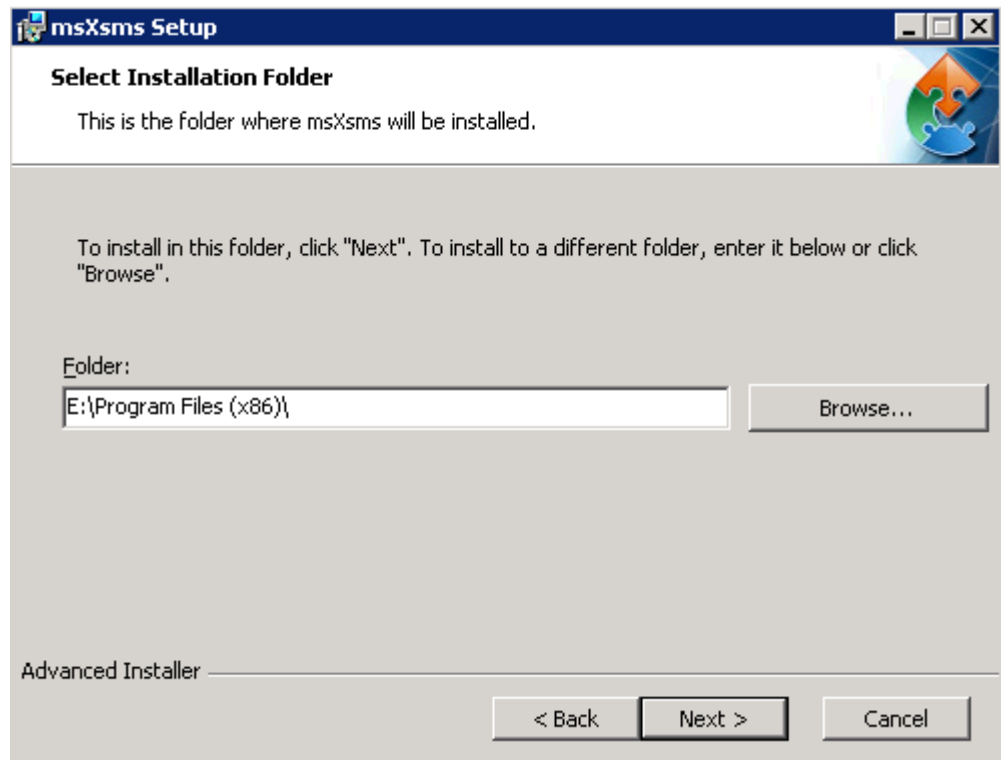
2.5 Upgrade SMS Server



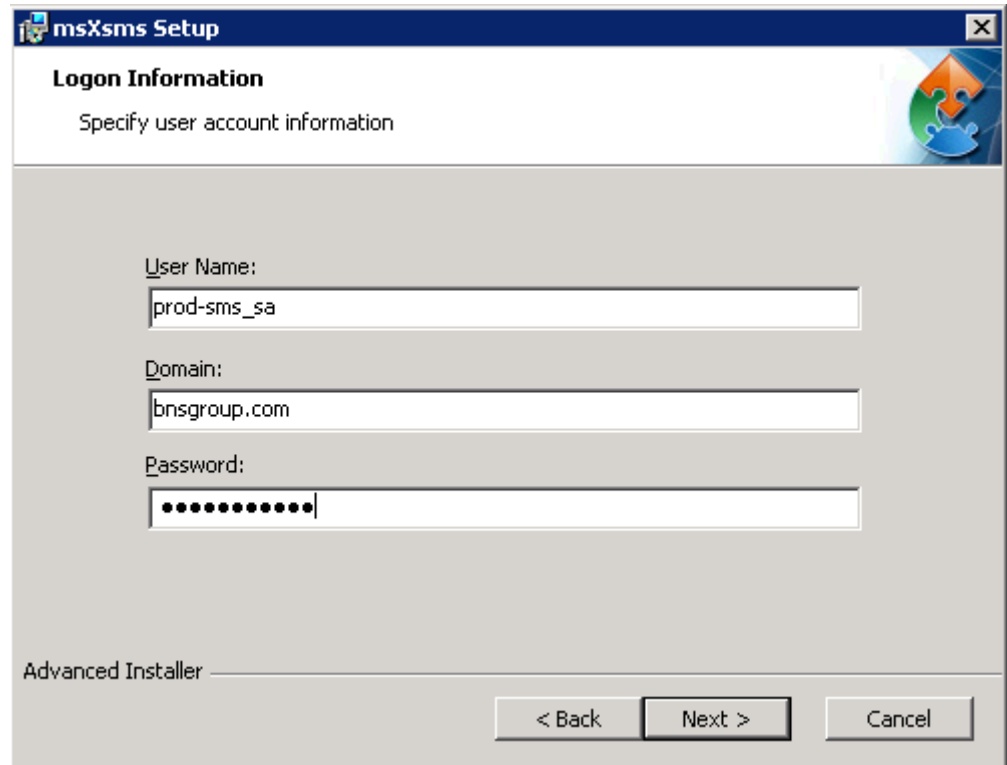
- Before you proceed, check with your DBA that the DDLs have been applied.
- Run setup_msXsms.msi
- Follow the wizard.



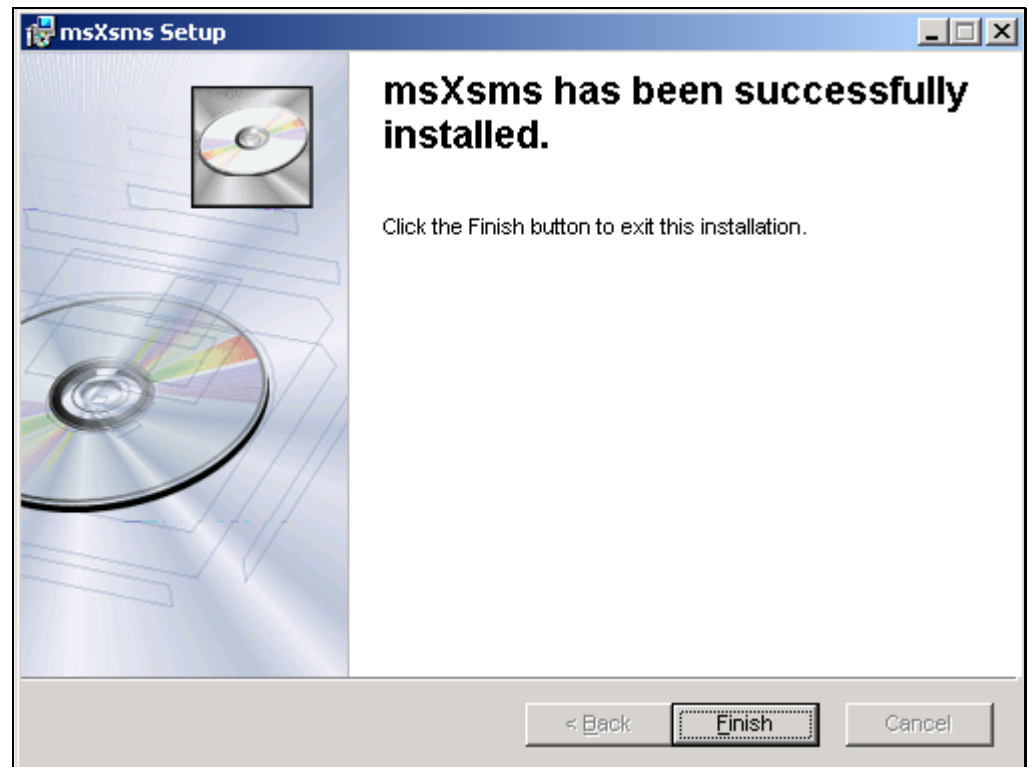
- Accept
- Proceed to follow the set up wizard taking care to install in the correct location.



- Check the wizard has detected the drive letter where the original installation files were installed.



- Re-enter service account credentials then follow the wizard.



- Sort the programs folder to check the software updates completed.

LicenseFiles	29/08/2012 7:34 PM	File folder		
Logs	29/08/2012 7:34 PM	File folder		
Spooler	29/08/2012 7:34 PM	File folder		
Templates	29/08/2012 7:34 PM	File folder		
borIndmm.dll	9/05/2012 7:55 AM	Application extension	41 KB	16.0.4504.48759
emmsg.dll	13/05/2009 12:28 PM	Application extension	161 KB	6.5.0.8
emsmtp.dll	13/05/2009 12:29 PM	Application extension	169 KB	6.5.0.6
SMSCCSDK.dll	19/06/2009 12:03 AM	Application extension	821 KB	3.1.2.4
msXDerdack.dll	29/08/2012 1:05 PM	Application extension	1,673 KB	1.7.33.322
msXIpsWorks.dll	29/08/2012 1:05 PM	Application extension	664 KB	1.7.33.322
msXsmsAttendant	29/08/2012 1:05 PM	Application	2,159 KB	1.7.33.322
msXsmsEvent.dll	29/08/2012 1:05 PM	Application extension	1,075 KB	1.7.33.322
msXsmsFromSMTPHigh	29/08/2012 1:05 PM	Application	1,950 KB	1.7.33.322
msXsmsFromSMTPLow	29/08/2012 1:05 PM	Application	1,950 KB	1.7.33.322
msXsmsFromSMTPNormal	29/08/2012 1:05 PM	Application	1,950 KB	1.7.33.322
msXsmsIncoming	29/08/2012 1:05 PM	Application	1,774 KB	1.7.33.322
msXsmsreport.dll	29/08/2012 1:05 PM	Application extension	670 KB	1.7.33.322
msXsmsSetup.dll	29/08/2012 10:35 AM	Application extension	7,240 KB	1.7.33.322
msXsmsSmsc	29/08/2012 1:05 PM	Application	2,175 KB	1.7.33.322
msXsmsSubAlert	29/08/2012 1:05 PM	Application	1,922 KB	1.7.33.322
msXsmsSubHigh	29/08/2012 1:05 PM	Application	1,917 KB	1.7.33.322
msXsmsSubLow	29/08/2012 1:05 PM	Application	2,303 KB	1.7.33.322
msXsmsSubNormal	29/08/2012 1:05 PM	Application	1,917 KB	1.7.33.322
msXsmsToSmtPAcks	29/08/2012 1:05 PM	Application	2,153 KB	1.7.33.322
msXsmsToSmtPIn	29/08/2012 1:05 PM	Application	2,148 KB	1.7.33.322
msXsmsToSmtPQD	29/08/2012 1:05 PM	Application	2,216 KB	1.7.33.322
msXsmsUpgrade	29/08/2012 1:05 PM	Application	1,723 KB	1.7.33.322

File version should read 1.7.33 build 323 except for msXsms.dll and msXsmsSetLicense.exe

- Check msXsms Services in Services Control Manager are started.
- Send test SMS messages.

3 Install and upgrade the web console

Follow the procedures in the manual to install the web console again.

Note: the web console was introduced in version 1.7.33 build 322. 30 August 2012.

4 Upgrade all msXsms Servers

- Upgrade all msXsms servers in Production and DR otherwise the database version/software versions may be incompatible.