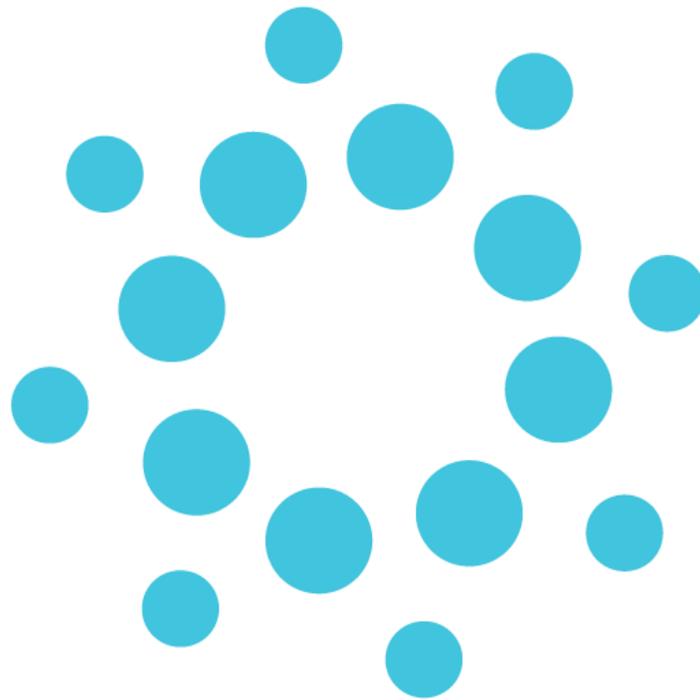


Medtech32 Database Validation Utility Version 1.0 – User Guide



This document contains important information for Medtech users. Please ensure that it is circulated amongst all relevant staff. We suggest that the document is filed safely for future reference.

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Introduction

As part of Product Certification, Medtech32 is now officially certified with InterBase XE7 Update 5. This document explains the detailed steps for estimating the downtime required to plan and execute InterBase XE7 Update 5 and also explains the Database Validation to check for primary key violations.

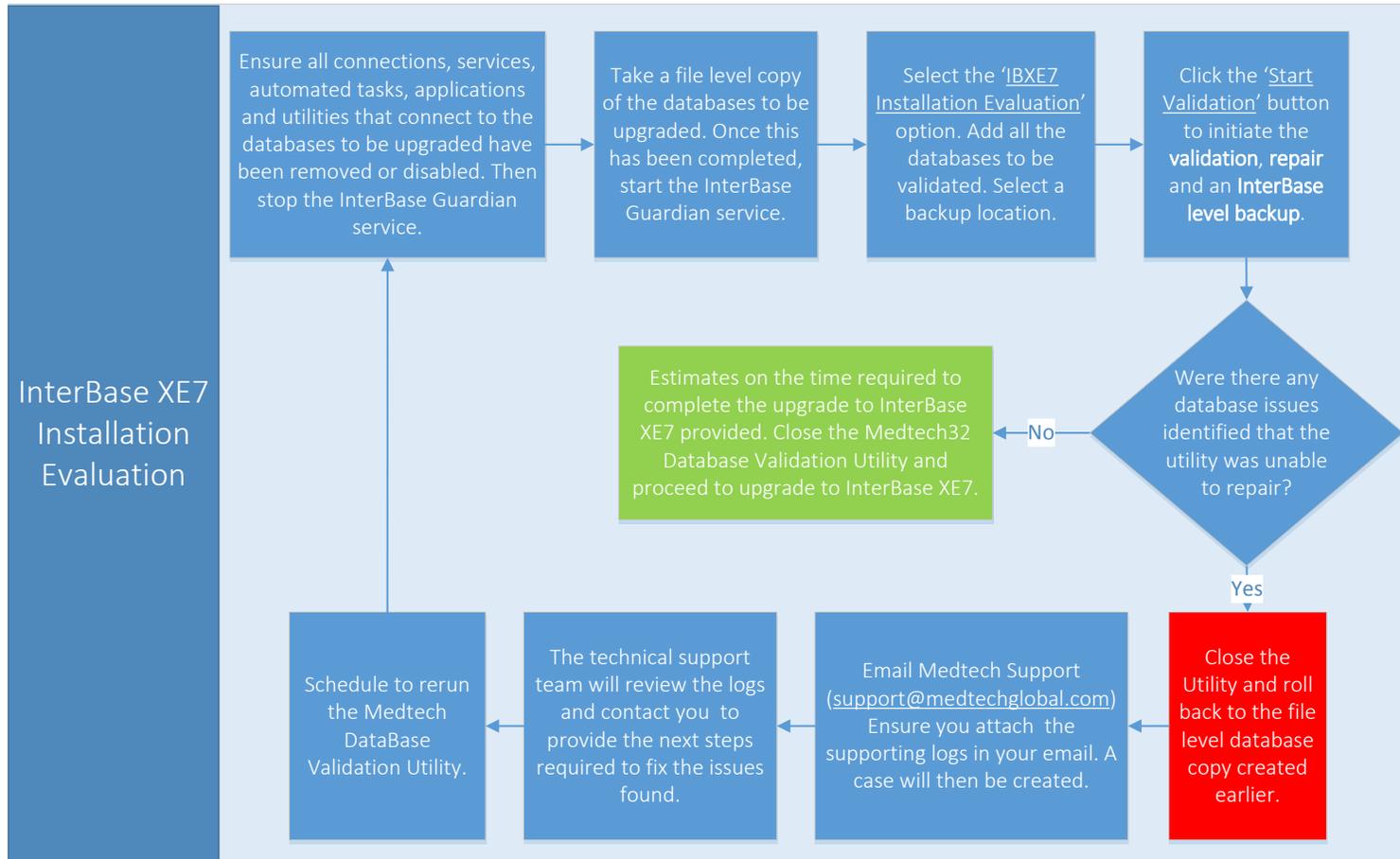
1. Target Audience

1. Medtech32 Certified Engineers
2. IT Technician

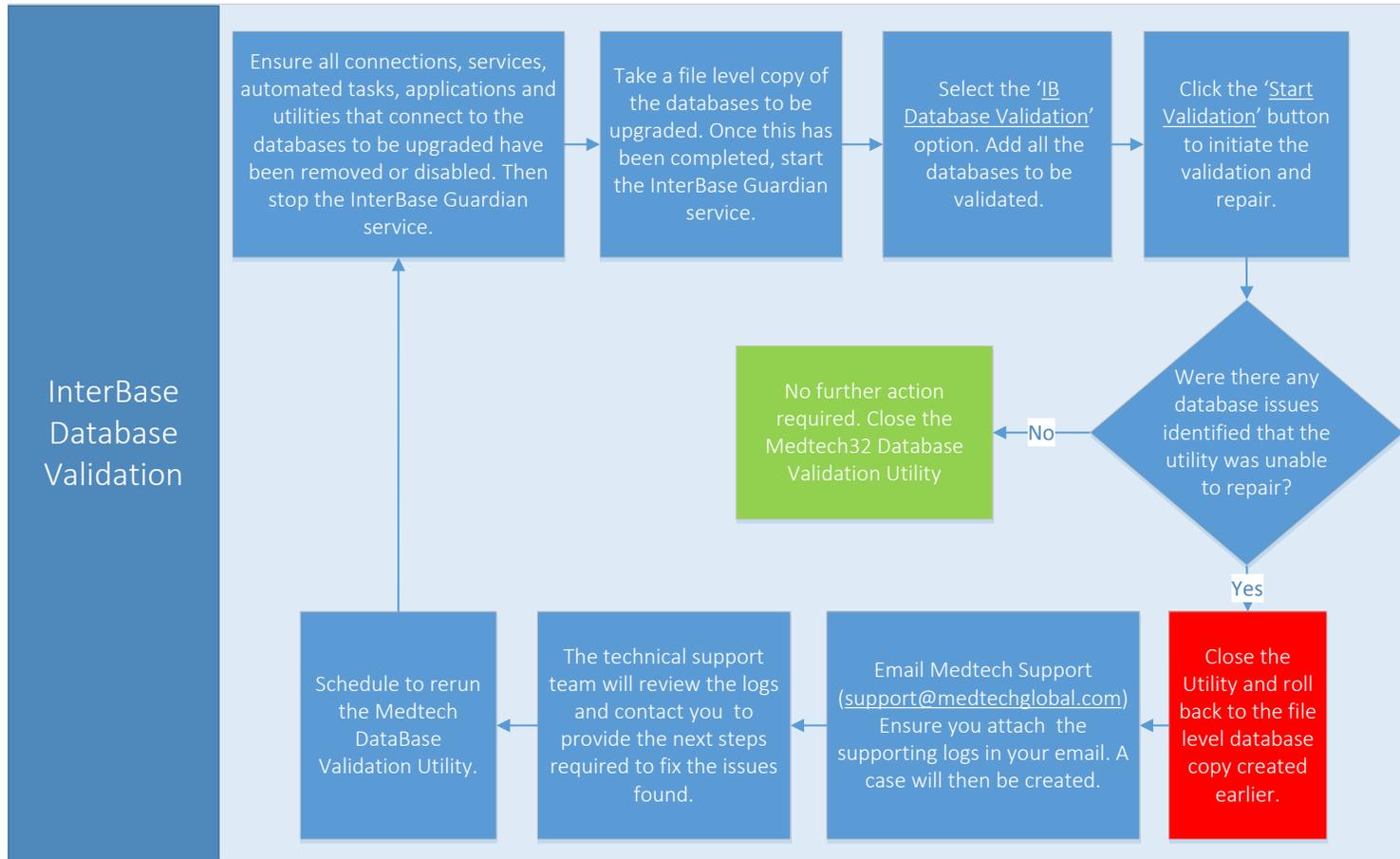
2. InterBase Database Validation Tool Overview

This validation tool checks the integrity of the database and creates a log that captures any duplicates. There are two options available in the tool and the following diagram shows the functionality of each of these options:

a) InterBase XE7 Installation Evaluation



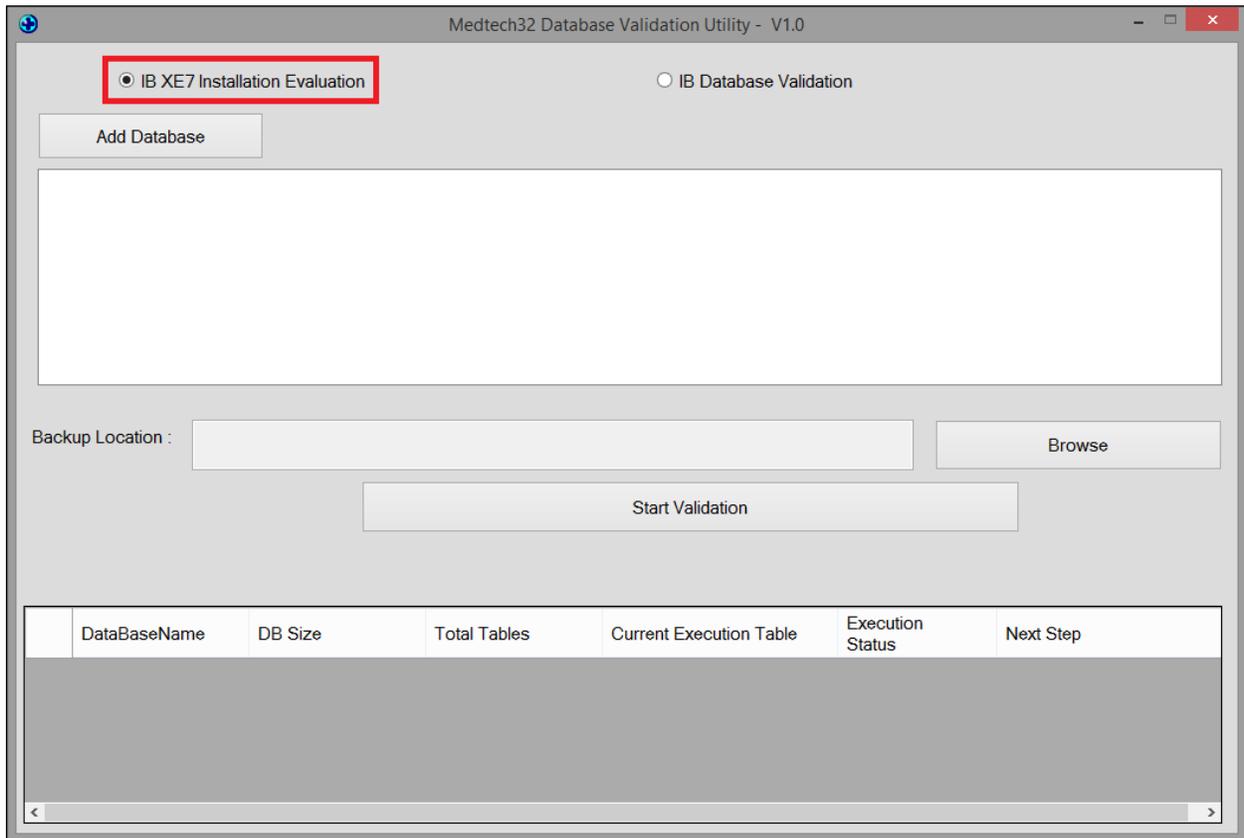
b) InterBase Database Validation



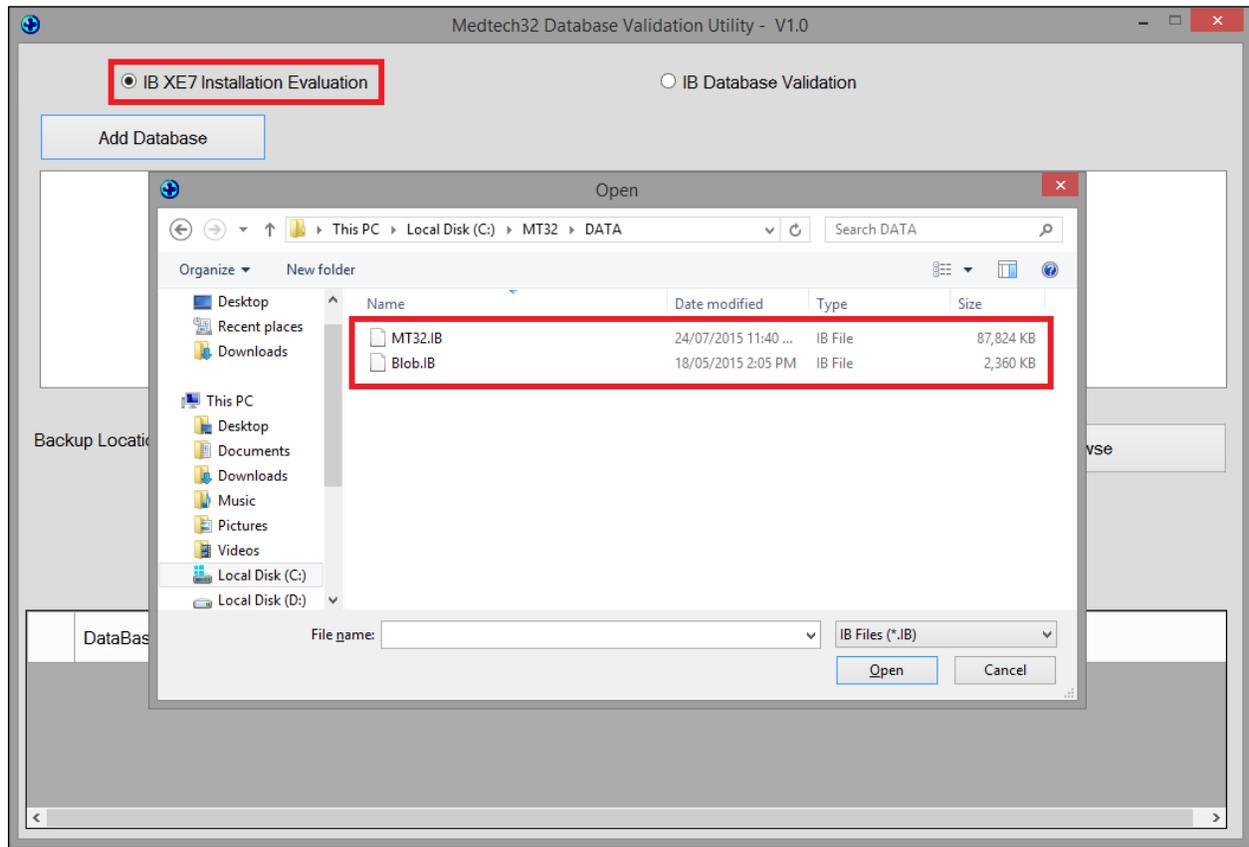
3. InterBase XE7 Update 5 – Installation Evaluation

Follow the steps outlined below to perform the database validation and to calculate the estimated time required to perform the InterBase XE7 Update 5 Installation.

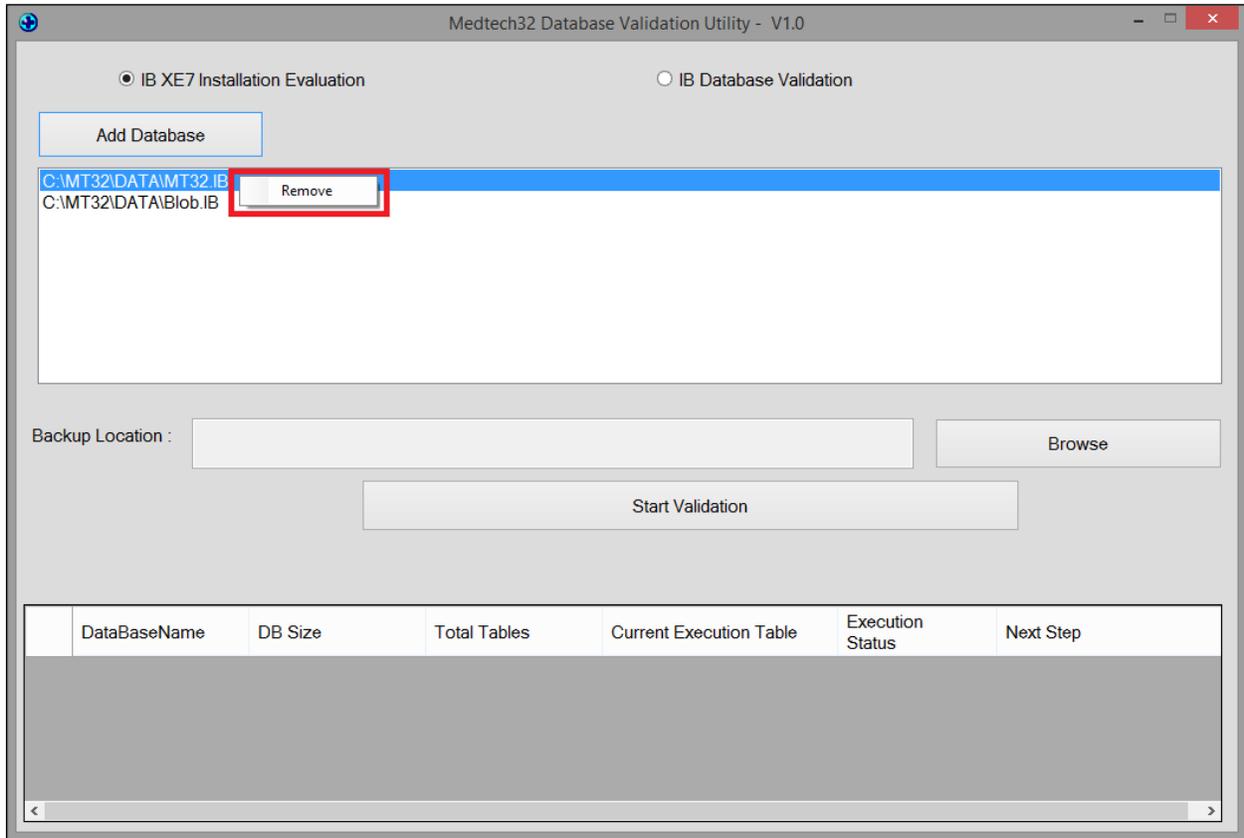
1. Ensure the 'IB XE7 Installation Evaluation' option is selected.



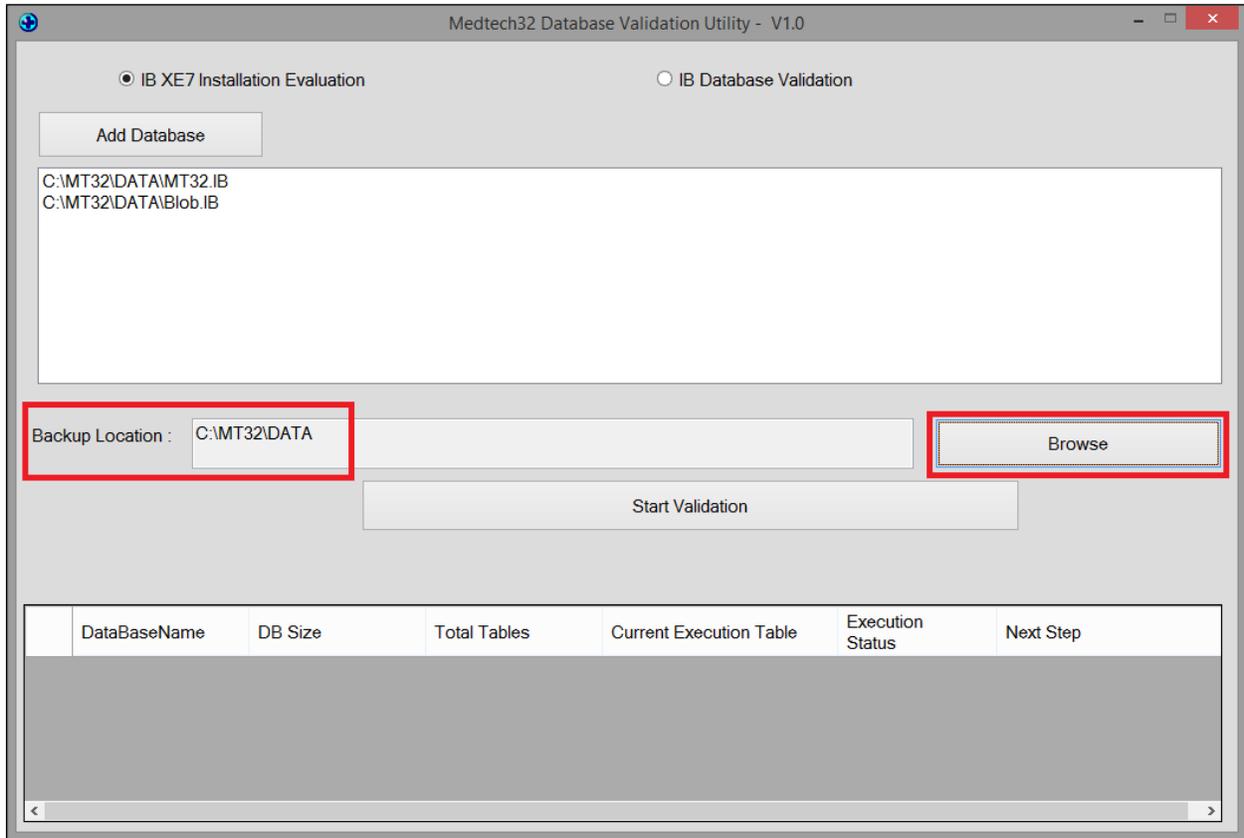
2. Click on '**Add Database**' to add all the Medtech32 databases (e.g. MT32.IB, BLOB.IB) that need to be upgraded to InterBase XE7.
3. Navigate to where the Medtech32 databases to be upgraded are located. You will only be able to view '**.IB**' file types.



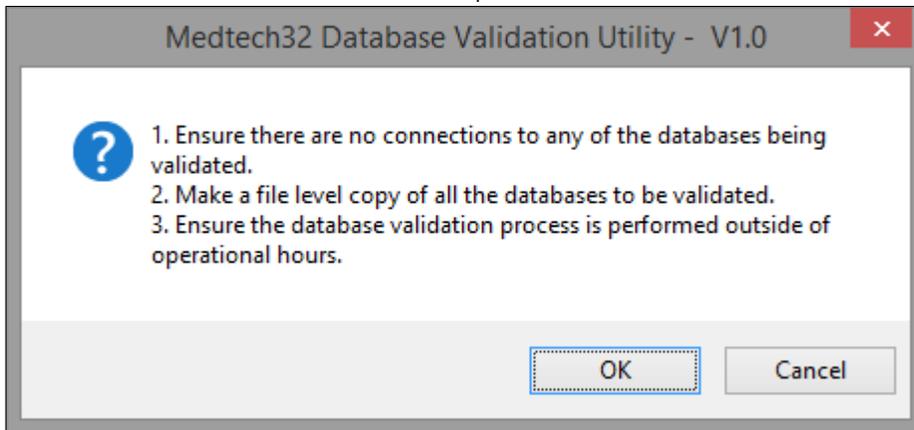
4. To remove the already added database, select the database then right click and select the option '**Remove**'.



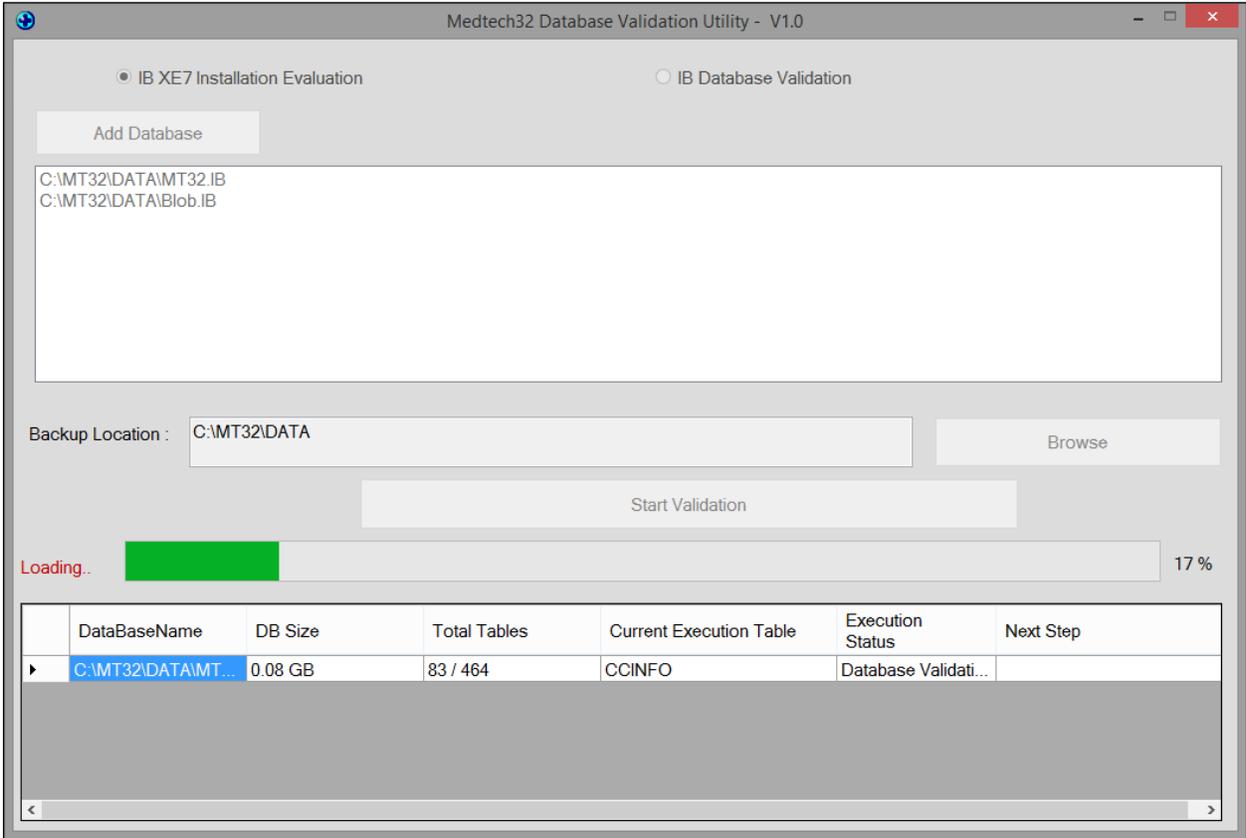
5. Ensure the 'Backup Location' is selected for storing the InterBase backup files. This will be used to estimate the remaining time required to upgrade to InterBase XE7 and will be used later to restore in to InterBase XE7 in order to upgrade the database structure to ODS16.



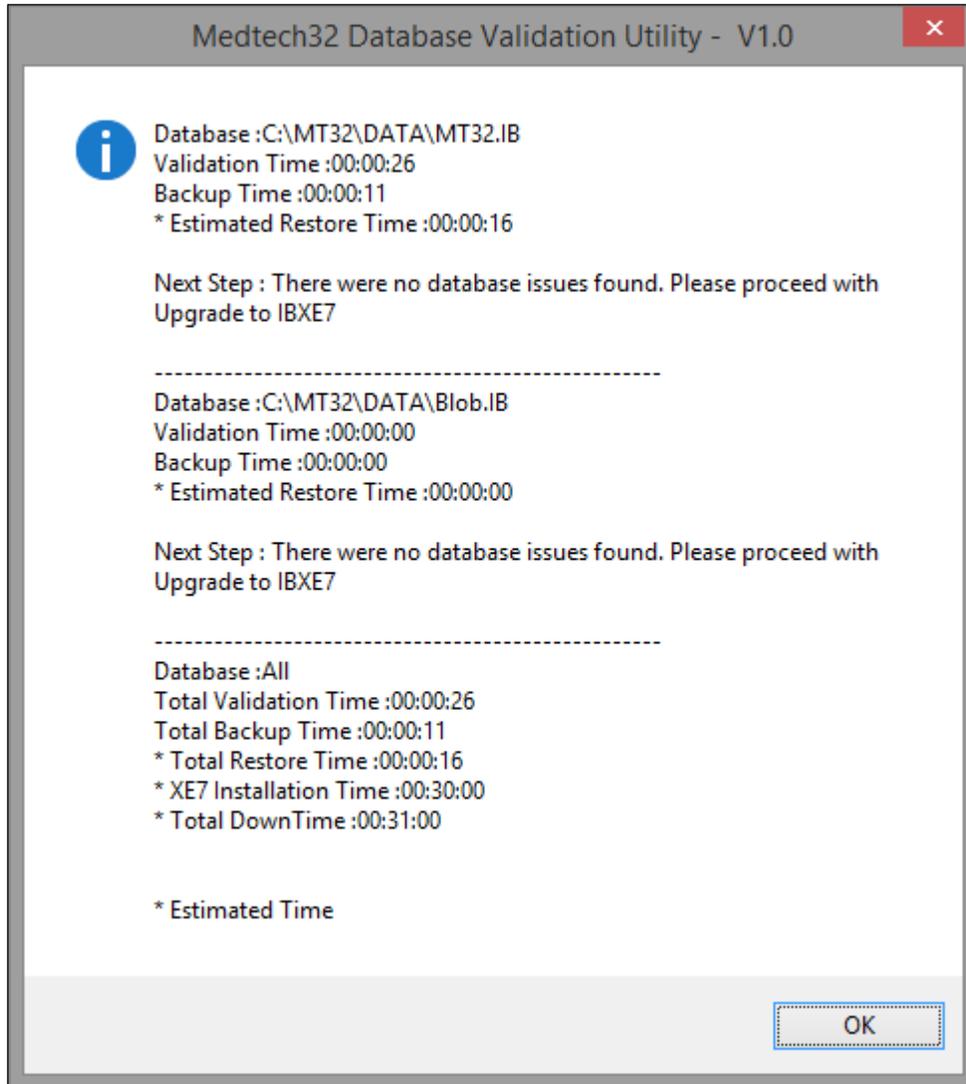
- Click the **'Start Validation'** button. The following message will be displayed. Ensure all the conditions are met and click **'OK'** to proceed further.



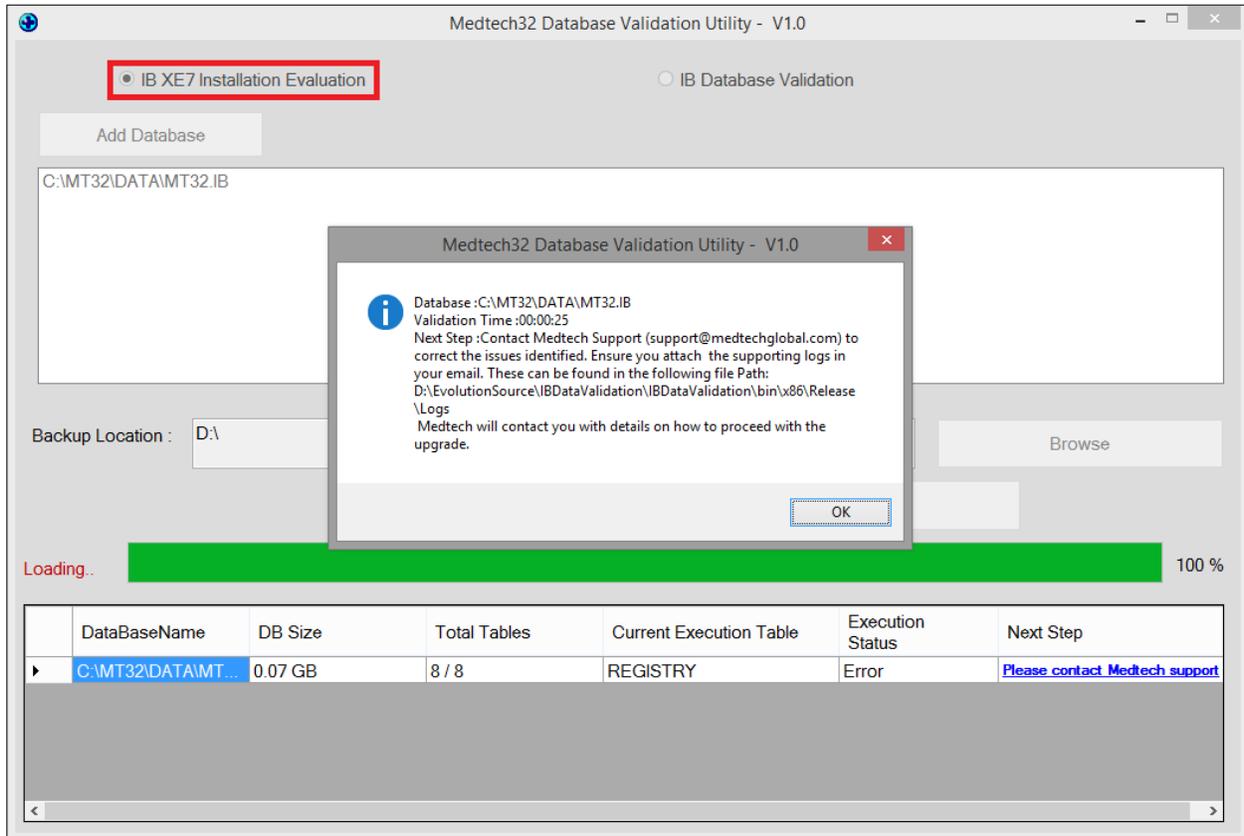
- The Database Validation utility will scan all available tables in the databases loaded into the utility to check for duplicates in the primary key. The screen shown below will appear detailing the current step in progress and the next step.



- 8. On completion of the Database Validation and Backup, the screen shown below will be displayed with details of the estimated hours of downtime required to install the InterBase XE7 Update 5.



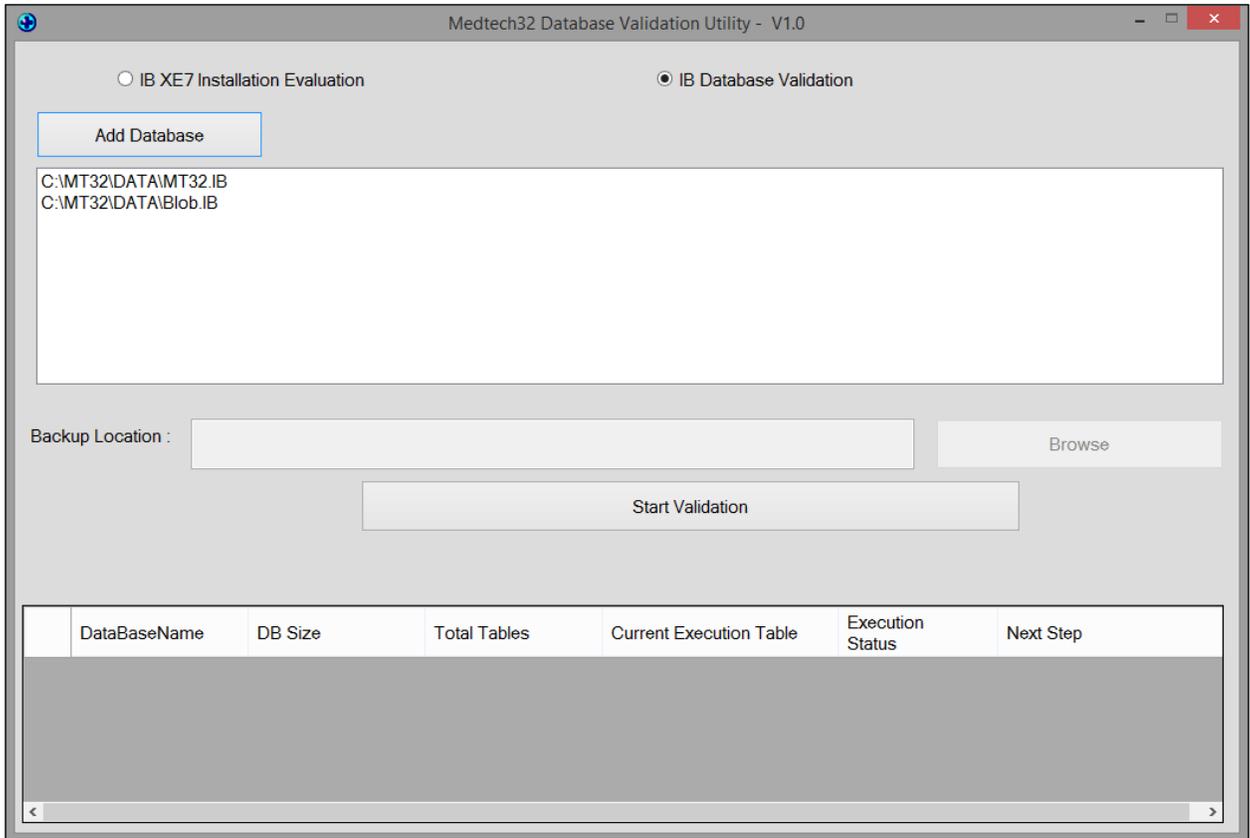
9. If there are any duplicates, the message shown below will be displayed. You will need to contact Medtech Support to rectify the duplicates and to troubleshoot the reason for failure.



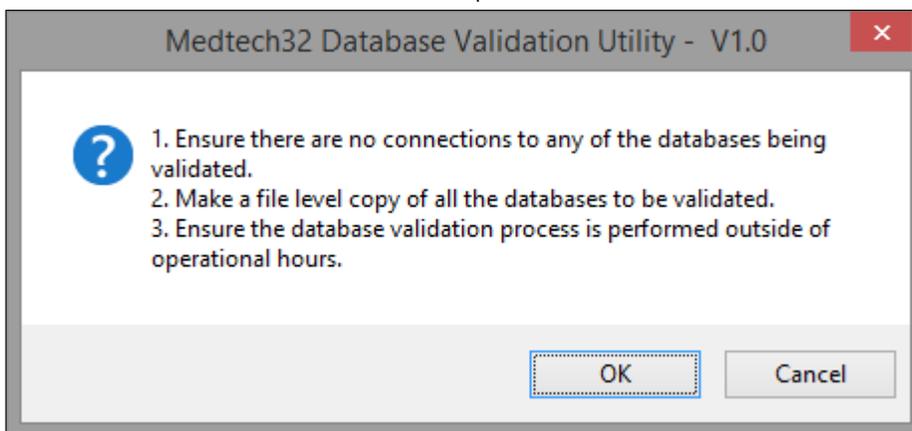
4. InterBase Database Validation

Follow the steps outlined below to perform the database validation to confirm there are no duplicates on primary keys following the upgrade to InterBase XE7 Update 5.

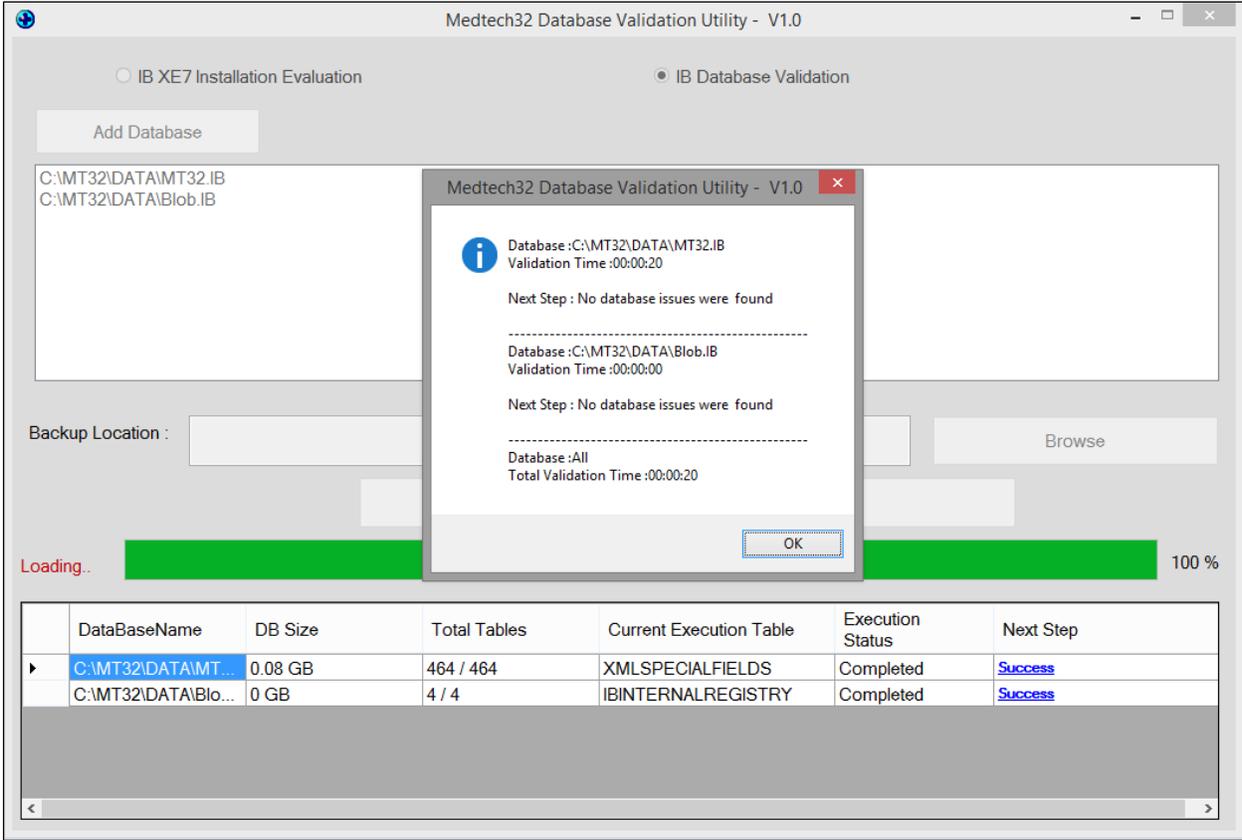
1. Ensure the 'IB Database Validation' option is selected.
2. Click the '**Add Database**' button to add all the Medtech32 databases (e.g. MT32.IB, BLOB.IB)
3. Clicking '**Add Database**' enables selection of .IB files only; refer to screenshot below.



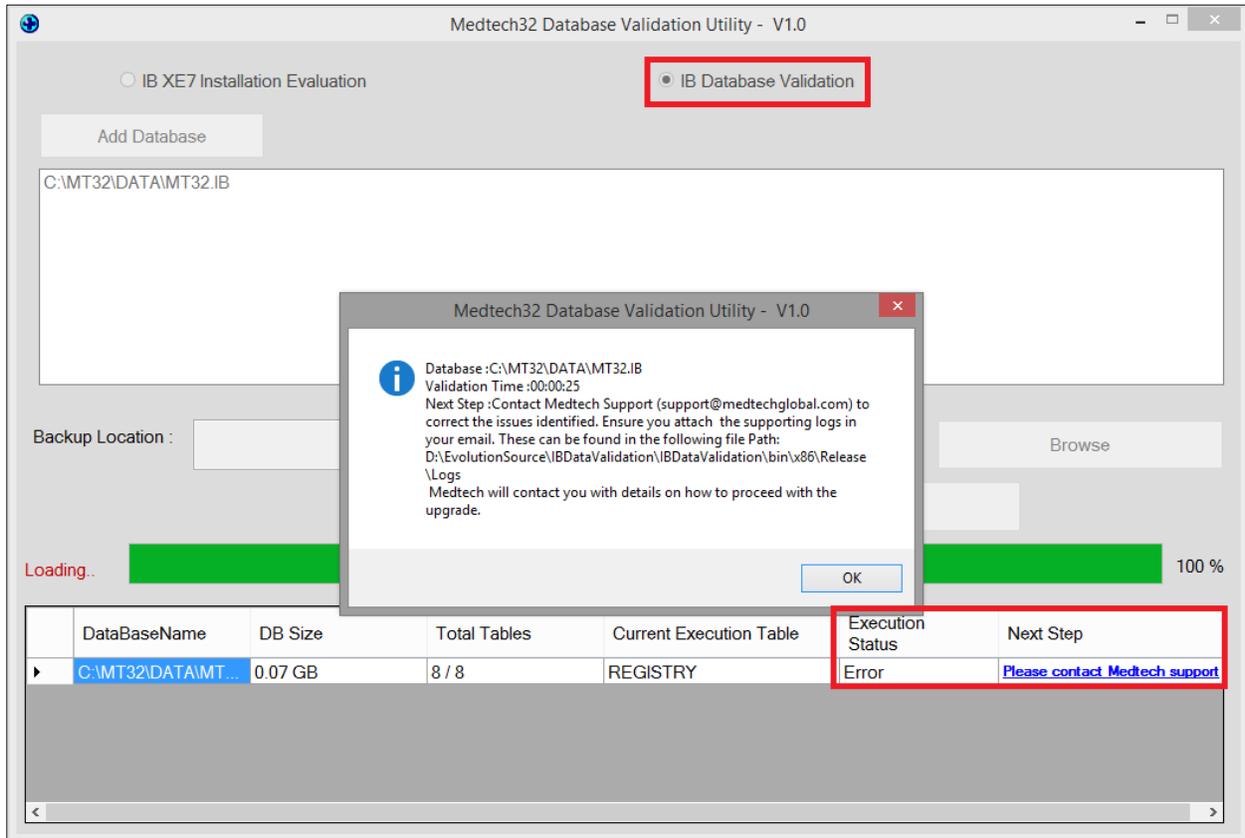
4. To remove the already added database, select the Database, then right click and select '**Remove**'.
5. When selecting the 'IB Database Validation' option, the 'Browse' option will be disabled.
6. Click the '**Start Validation**' button. The following message will be displayed. Ensure all the conditions are met and click '**OK**' to proceed further.



7. The Database Validation Utility will scan all available tables in the database to check for data-related anomalies.
8. If no data-related anomalies are identified, the Database Validation Utility will display the execution status as '**Success**'.



9. If any data-related anomalies are identified, the utility will display the **Next Step** which is to connect with Medtech Support to rectify the issues found.



For further information, or any other queries regarding the changes in this release, please contact Medtech Support via one of the following options:

- Medtech32 application [**Help ► Contact Support**]
- Online Chat: www.medtechglobal.com
- Email: support@medtechglobal.com
- Phone: **0800 2 MEDTECH (633 832)**