

# How to Create a Network Location for SDM Cal Stations

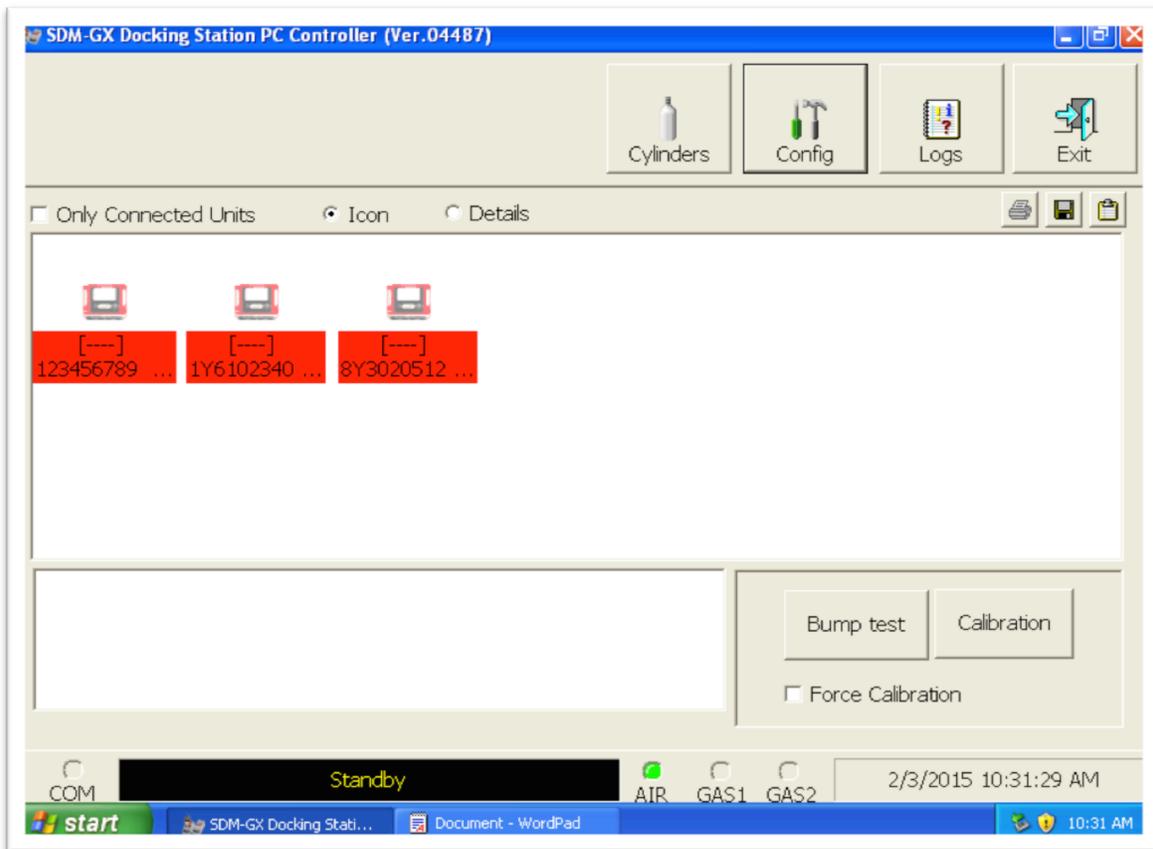
This Technical note provides instructions for setting up GX-2009/2012/03 series docking stations to archive data to a central LAN database location.

## Requirements:

Windows based PC with OS 7, 8, and 10 with connection and access to customer local area network (LAN)

## Step 1:

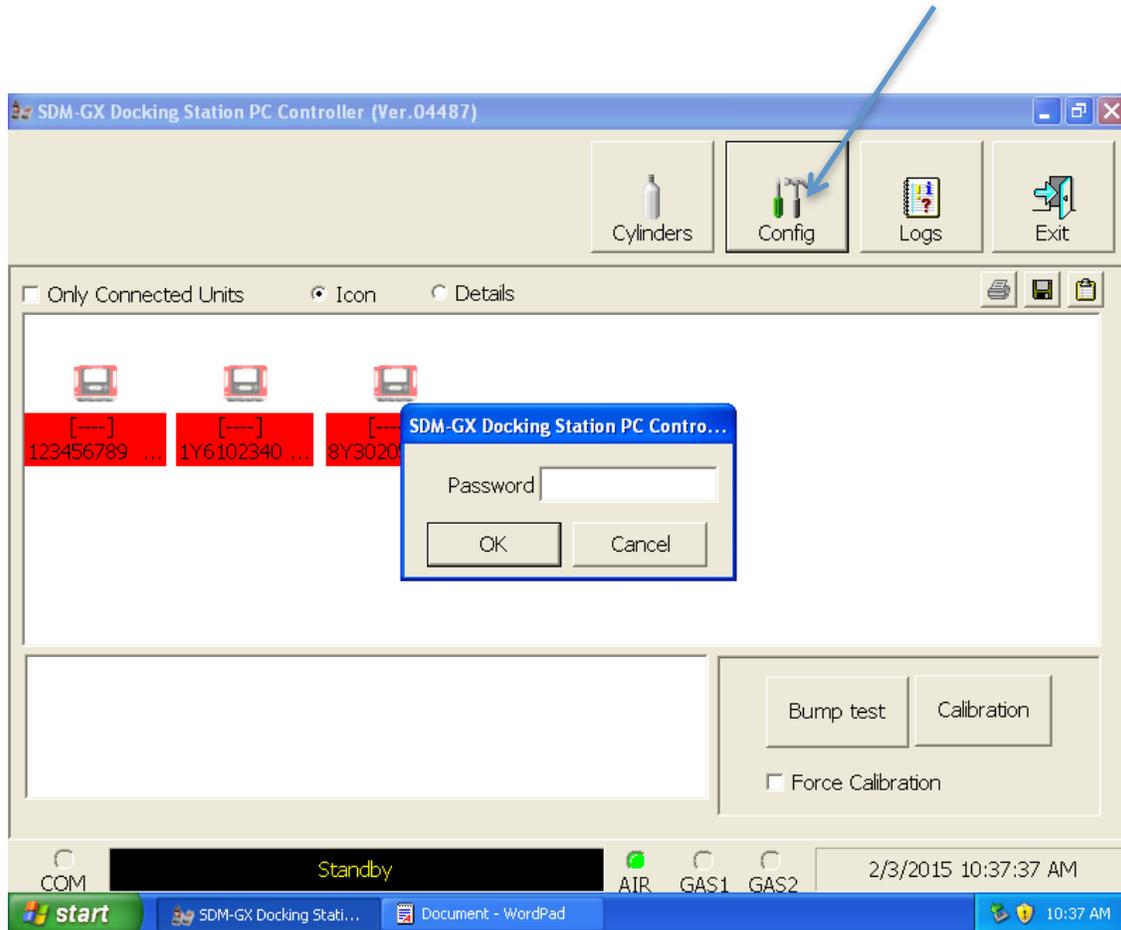
Install SDM=GX application software on PC. Start application. You will see the following screen:



# How to Create a Network Location for SDM Cal Stations

## Step 2:

Click on the button marked Config at the top of the screen. You will be prompted for a password:

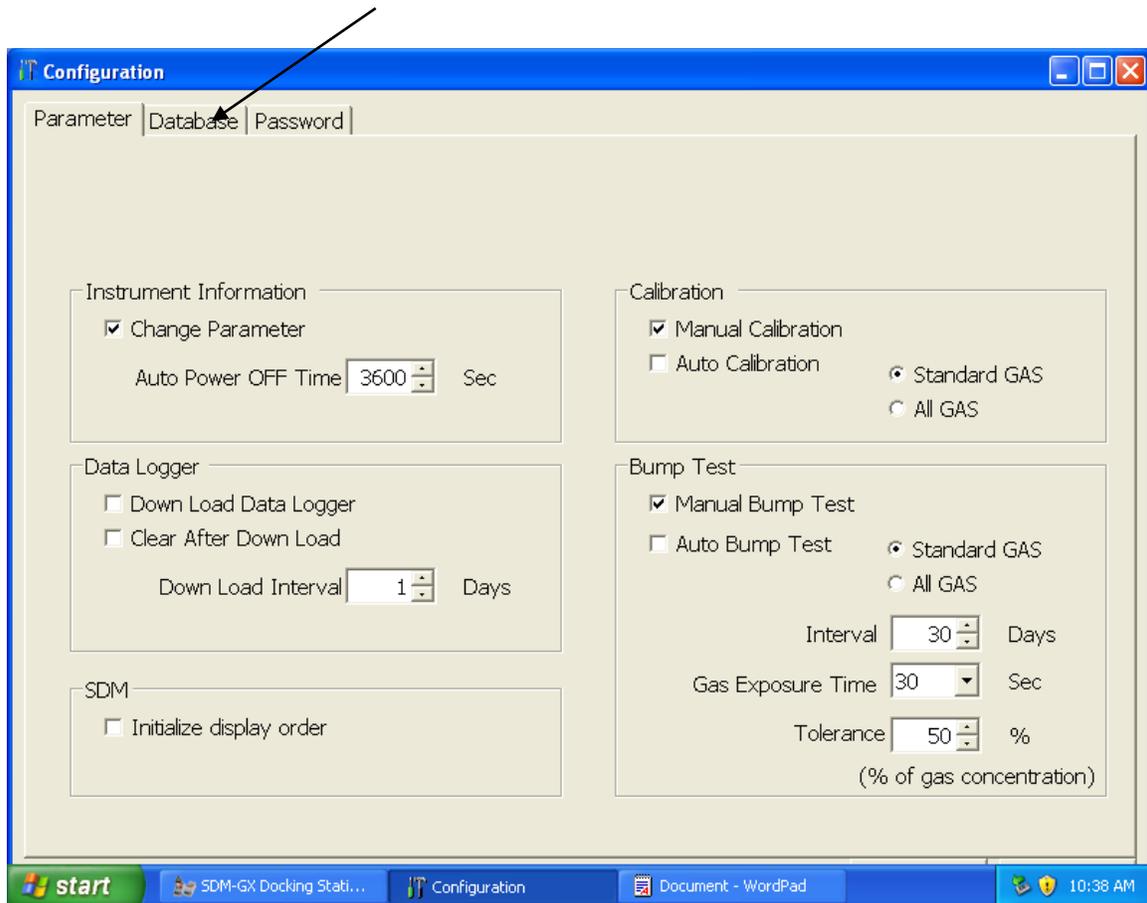


Enter user selected password, or factory default (ABCDE). Note password is case-sensitive. Press enter and the following screen will appear.

# How to Create a Network Location for SDM Cal Stations

## Step 3:

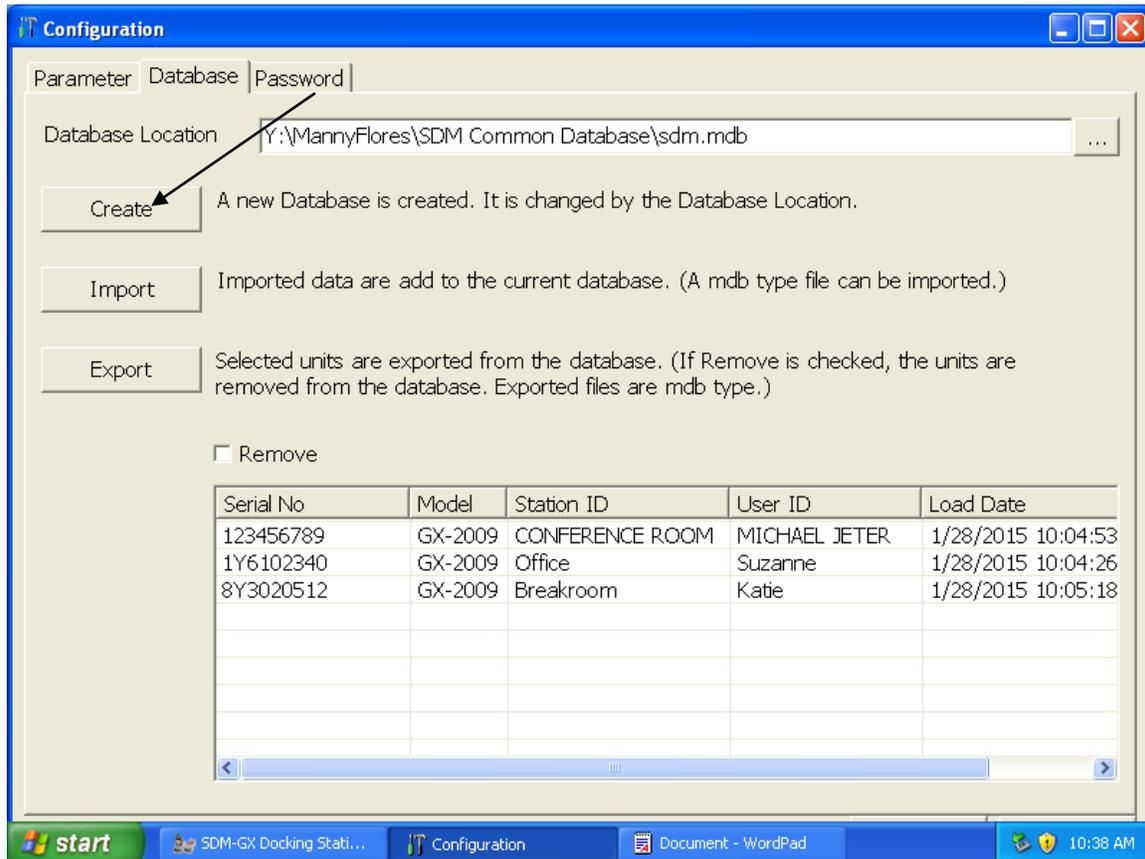
Select database tab to enter database screen:



# How to Create a Network Location for SDM Cal Stations

## Step 4:

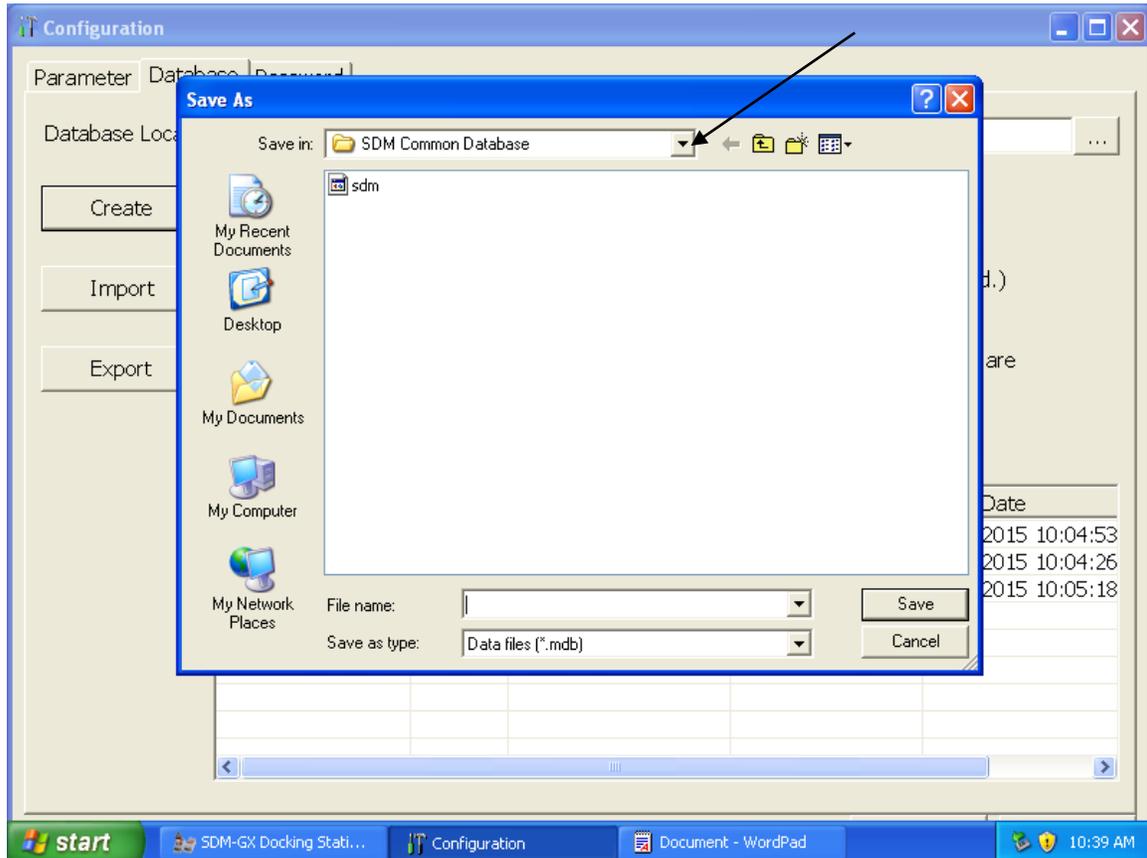
On the database page, the network location for database can be created and identified. Click on the button at the left labeled Create:



# How to Create a Network Location for SDM Cal Stations

## Step 5:

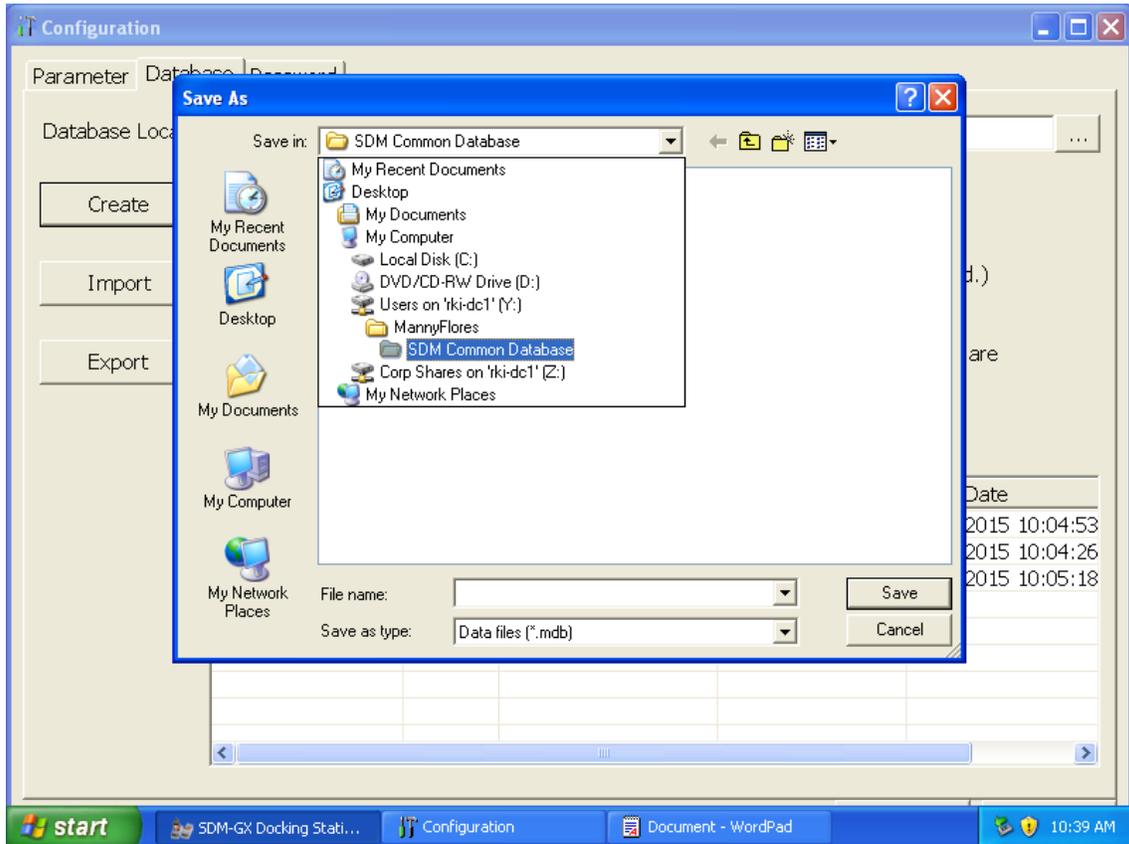
Click on the down arrow symbol in the "Save in:" window to navigate to desired network location for database to be created:



# How to Create a Network Location for SDM Cal Stations

## Step 6:

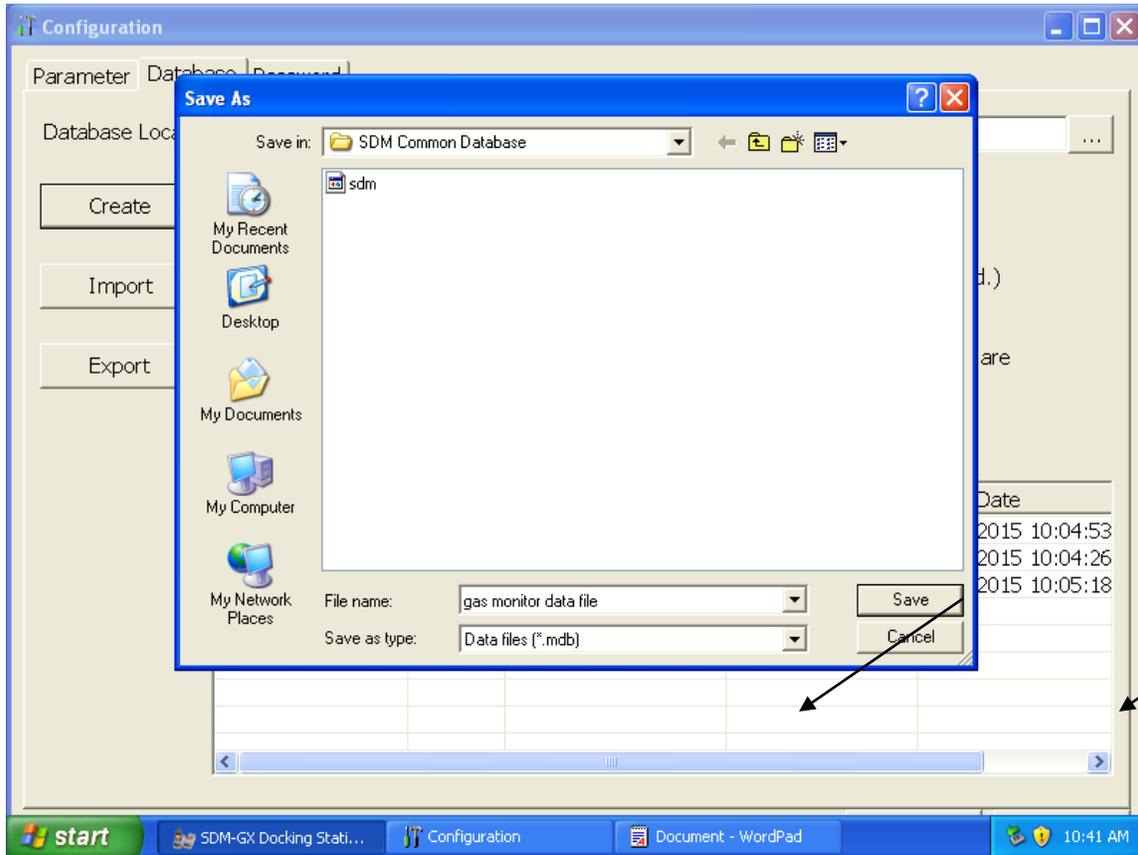
Navigate to desired folder in network location for database file:



# How to Create a Network Location for SDM Cal Stations

## Step 7:

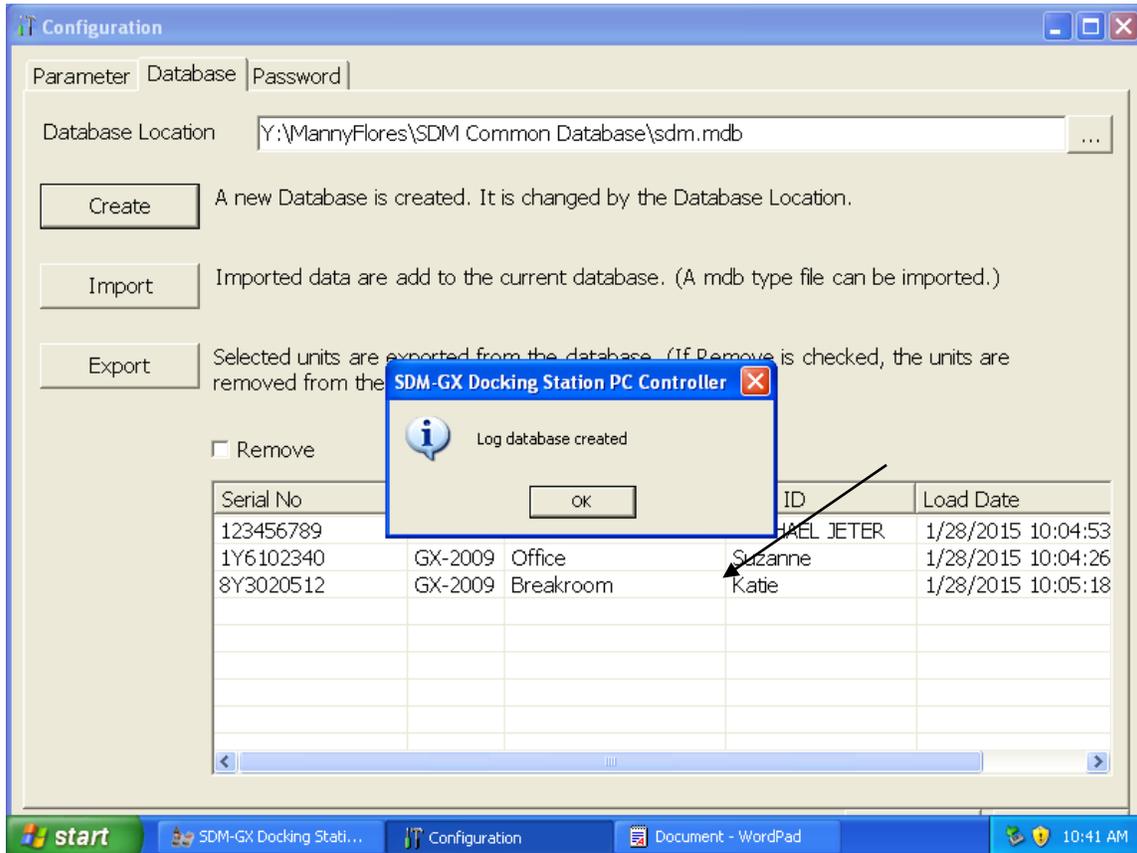
Enter a file name for the database file in the box labeled "file name", and then click on save:



# How to Create a Network Location for SDM Cal Stations

## Step 8:

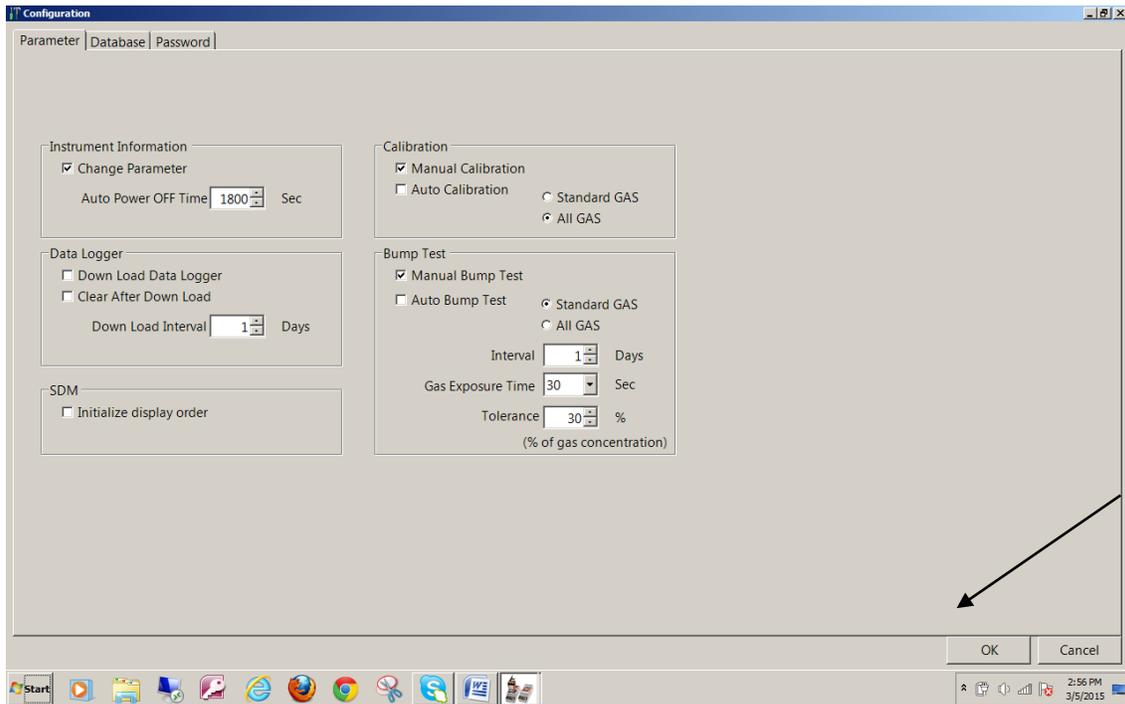
Select OK to save database file creation:



# How to Create a Network Location for SDM Cal Stations

## Step 9:

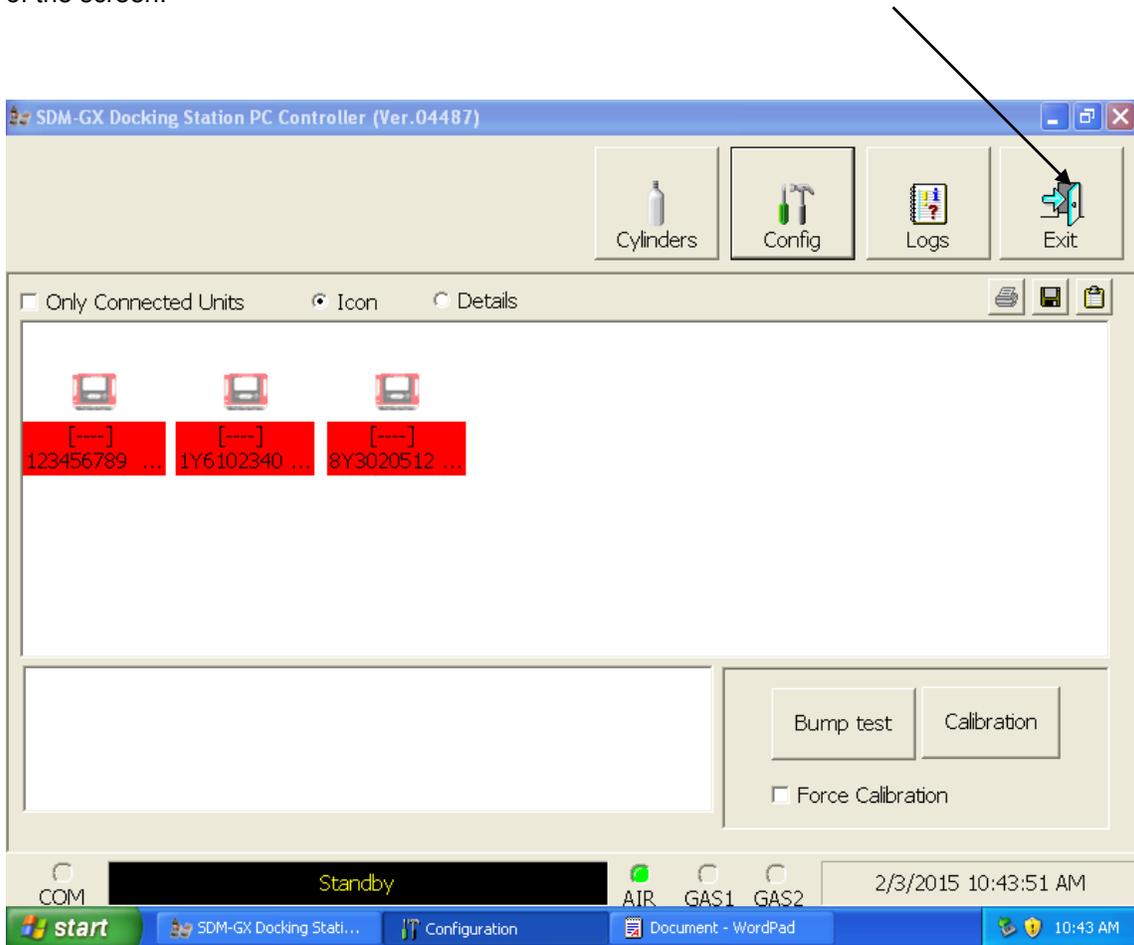
You will now return to the main configuration screen. Click the ok button at the bottom of the screen to return to the main window.



# How to Create a Network Location for SDM Cal Stations

## Step 10:

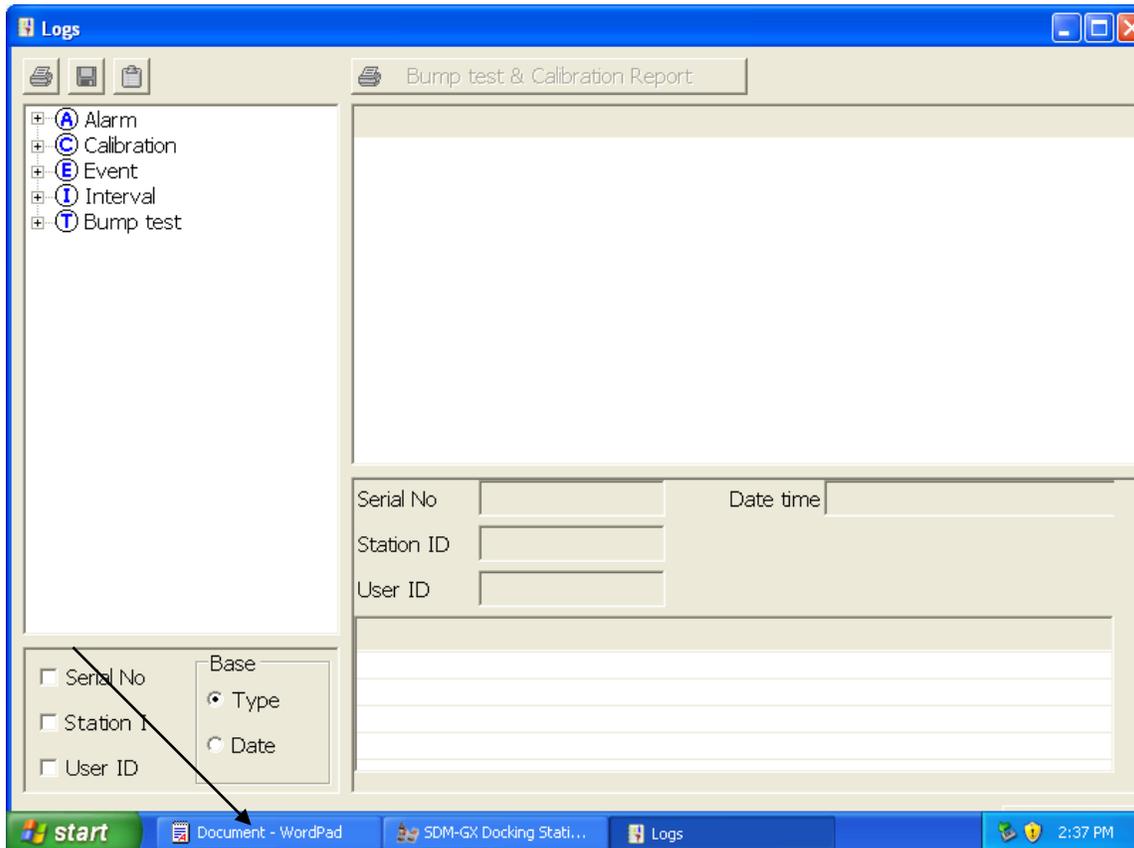
From the main screen, you can generate reports of calibrations, alarm events, or other data in the database. The reports can be sorted by user ID or station ID (if those fields are populated in the instruments) date, or instrument serial number. To enter data base, click on Logs tab at the top of the screen.



# How to Create a Network Location for SDM Cal Stations

## Step 11:

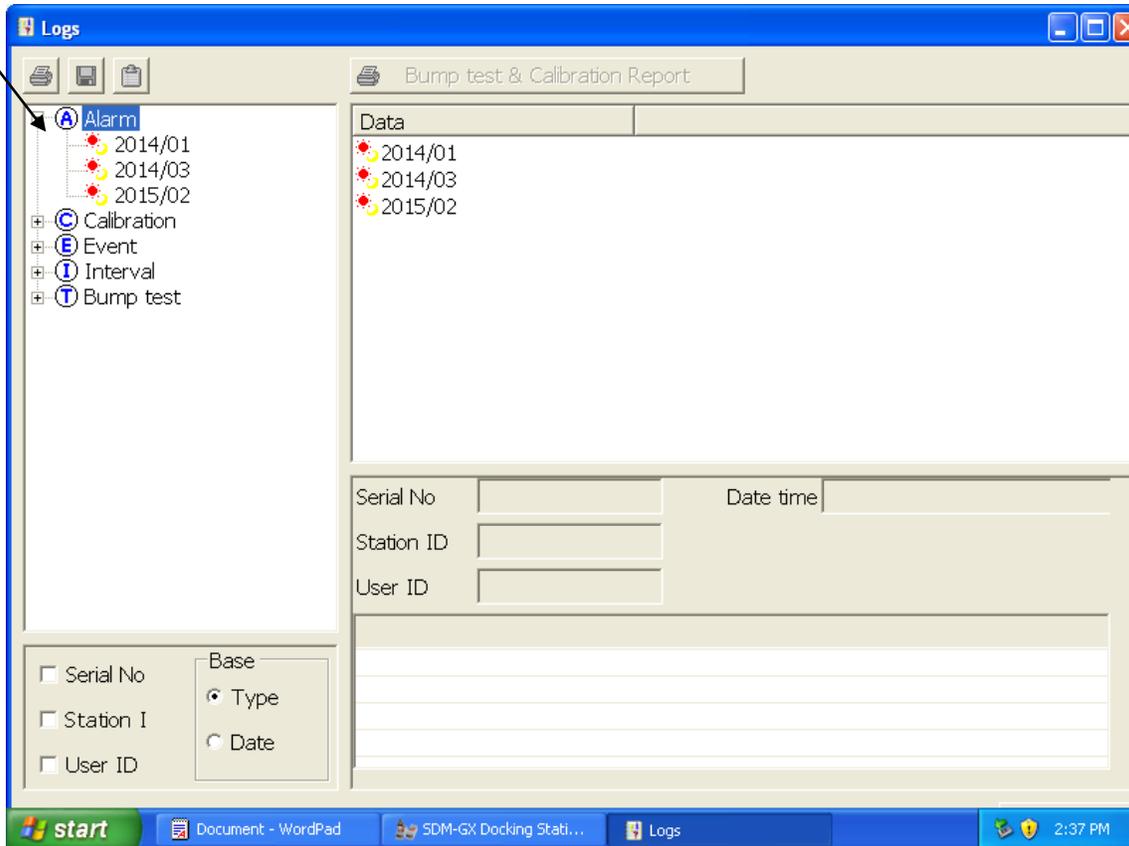
The following screen will appear. Select the type radio button only to sort data by data type.



# How to Create a Network Location for SDM Cal Stations

## Step 12 Alarm Events report:

To generate a report of alarm events (any time any unit went into alarm), click on the cross next to Alarm. Data will be sorted in monthly folders by date. If user ID and/or Station IDs are populated, data can be sorted by these fields after export.



# How to Create a Network Location for SDM Cal Stations

## Step 13:

Select the desired month. Click on the save or clipboard icons to create a spreadsheet file(save) or for pasting into an existing spreadsheet (clipboard).

The screenshot shows the 'Logs' application window. On the left, a tree view under 'Alarm' shows months from 2014/01 to 2015/02, with '2015/02' selected. The main area displays a table titled 'Bump test & Calibration Report' with the following data:

No.	Serial No	Station ID	User ID	Model	Date Time
0001	1Y61011701RN	-----	-----	GX-2009	2/3/2015 10:
0002	1Y61011701RN	-----	-----	GX-2009	2/3/2015 11:

Below the table are input fields for 'Serial No', 'Station ID', 'User ID', and 'Date time'. At the bottom left, there are checkboxes for 'Serial No', 'Station I', and 'User ID', and radio buttons for 'Type' and 'Date'. The taskbar at the bottom shows the start button, 'Document - WordPad', 'SDM-GX Docking Stati...', 'Logs', and the system clock at 2:38 PM.

# How to Create a Network Location for SDM Cal Stations

## Step 14 Calibration Status report:

A report of current calibration status can be generated. The report will show status (in compliance or past due) as well as due date for next calibration, based on interval programmed into units. To generate a report, click on the details radio button at the home screen. The following screen will appear. Click on the save or clipboard icons to create a spreadsheet file(save) or for pasting into an existing spreadsheet (clipboard).

The screenshot displays the 'SDM-GX Docking Station PC Controller (Ver.04304)' software interface. At the top, there are icons for 'Cylinders', 'Config', 'Logs', and 'Exit'. Below these is a table with columns: 'SDM No', 'Serial No', 'Connection', 'Model', 'Status', 'Station ID', 'User ID', 'Date Time', 'Next Test Date', 'Next Cal Date', and 'O'. The table contains 12 rows of data, all with a red background. Below the table are buttons for 'Bump test' and 'Calibration', and a checkbox for 'Force Calibration'. The Windows taskbar at the bottom shows the system tray with 'Standby', 'AIR', 'GAS1', 'GAS2', and the date '3/24/2015 1:14:54 PM'.

SDM No	Serial No	Connection	Model	Status	Station ID	User ID	Date Time	Next Test Date	Next Cal Date	O
----	-----	----	GX-2009		CONFERENCE ROOM	MICHAEL JETER	12/5/2014 10:29:01 AM	1/2/2008 12:00:00 AM	3/31/2008 12:00:00 AM	L
----	085050071	----	GX-2009		-----	DREW FRANK HSE	9/14/2012 3:09:46 PM	8/22/2012 6:54:21 AM	11/19/2012 6:54:21 AM	L
----	123456789	----	GX-2009		CONFERENCE ROOM	MICHAEL JETER	1/9/2015 10:56:00 AM	1/10/2015 10:44:12 AM	4/9/2015 10:44:12 AM	L
----	1Y61011701RN	----	GX-2009		-----	-----	12/4/2014 1:11:32 PM	1/2/2008 12:00:00 AM	1/2/2008 12:00:00 AM	L
----	1Y6101701	----	GX-2009		ABCDE	ANTHONY	2/27/2014 9:00:10 AM	2/28/2014 9:26:31 AM	5/28/2014 9:48:11 AM	L
----	1Y6101752	----	GX-2009		-----	-----	10/17/2012 3:33:35 PM	10/17/2012 11:10:43 AM	1/14/2013 11:10:43 AM	L
----	1Y6102340	----	GX-2009		-----	-----	1/13/2015 1:50:07 PM	1/14/2015 12:43:54 PM	1/14/2015 2:07:32 PM	L
----	1Z6020132RN	----	GX-2012		001	USER-004	9/19/2012 8:08:15 AM	9/19/2012 4:59:57 PM	12/17/2012 3:02:58 PM	L
----	226170699	----	GX-2009		RIG	KIMBERLY	9/13/2012 4:37:58 PM	8/29/2012 9:35:39 AM	11/26/2012 9:35:39 AM	L
----	4X9062351	----	GX-2009		-----	-----	12/5/2014 12:21:31 PM	12/6/2014 11:23:30 AM	12/6/2014 12:24:24 PM	L
----	8Y3020512	----	GX-2009		-----	-----	1/13/2015 12:11:55 PM	12/11/2014 12:54:35 PM	12/11/2014 12:54:35 PM	L
----	8Y3020924	----	GX-2009		-----	-----	9/13/2012 3:52:00 PM	7/26/2012 7:58:35 AM	9/23/2012 7:58:35 AM	L