



South African Road Design System

SARDS Registration Document

September 2019

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Documentation Details

This document was developed for the South African National Road Agency (SANRAL). For content revisions, questions, or comments, contact the writer at itisissues@nra.co.za.

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Revision History

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0	Initial Release	S Baoliki/ B Baloyi	August 2019

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1. Terms and Abbreviations

Abbreviation	Definition
SARDS	The South African Road Design System
ITIS	Integrated Traffic Information System

2. Introduction


Welcome to SARDS Desktop - User Registration. This is a Manual Document that contains information about the basic registration of the SARDS Desktop software.

3. Purpose of this document

The purpose of this document is to guide the user on the installation, system requirements and prerequisites of the software.

4. Software Overview

This User Manual discusses basic concepts behind the SARDS Desktop software, such as how to Register a New User and the process of Logging in into the software.

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5. Software Download

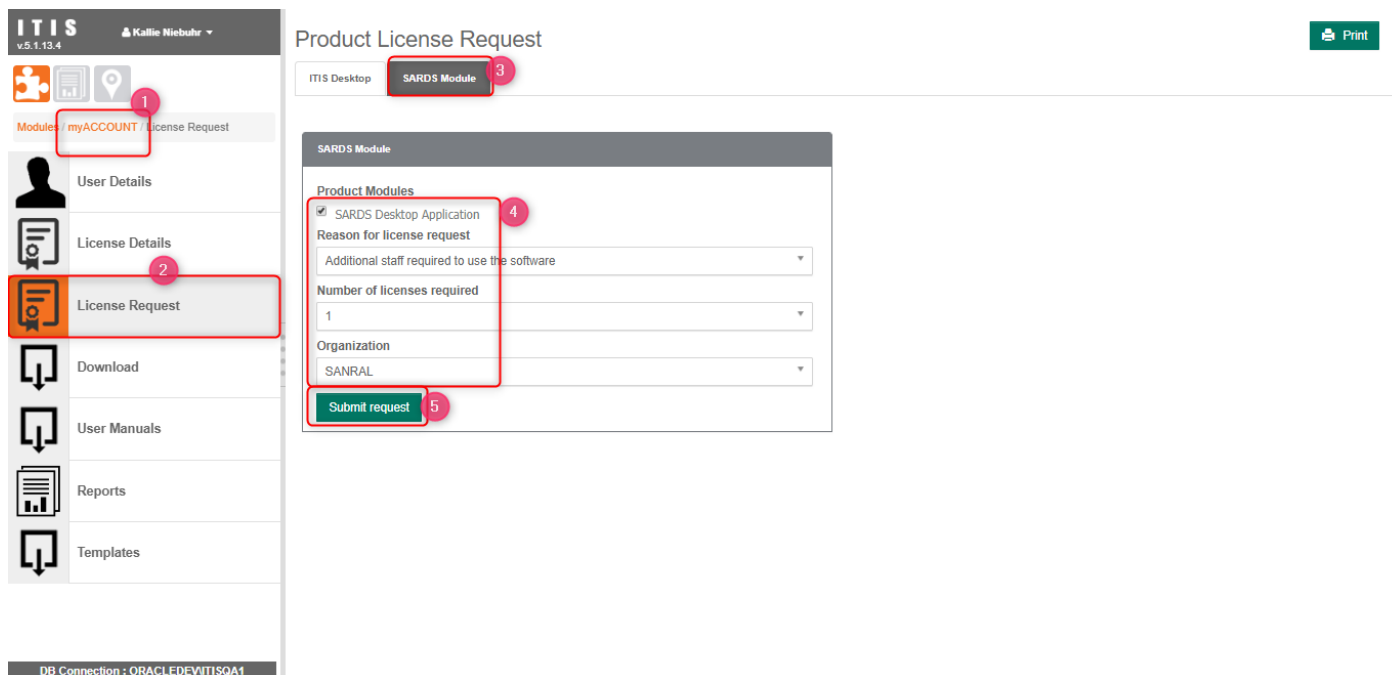
Log onto ITIS Portal Website, <http://itis.nra.co.za/portal/Default/Index>) using User Credential's and navigate to:

- i. Click on **My Account** sub menu>
- ii. Click on **Download** sub-menu on the left side>
- iii. Click on **SARDS Module** Tab on the top right>
- iv. Select **Full Install: SARDS Prerequisites** file on the bottom left for first-time installer Download>
- v. Click on **Setup> Install>**
- vi. Double click on the **SARDS Desktop** shortcut on your Desktop.

6. Registration Process

Log onto On the ITIS Portal Website to request the license number <http://itisqa.nra.co.za/portal/Default/Index>, navigate to:

- i. Click on **MyAccount** sub-menu>
- ii. Click on **License Request** sub-menu on the left side>
- iii. Click on **SARDS Module** tab top right side>
- iv. Click on SARDS Desktop Application checkbox and select relevant answers on the dropdown line items on **Product Module** box>
- v. Click on the **Submit Request** button.



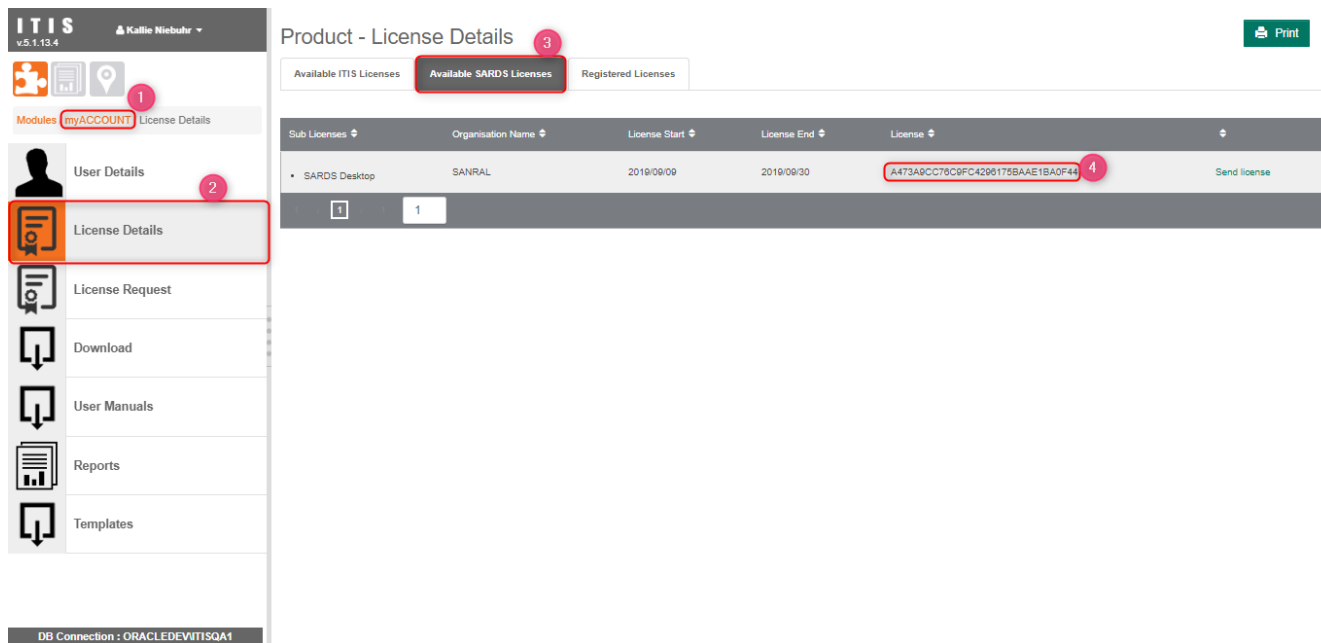
The screenshot displays the ITIS Portal interface. On the left, a sidebar contains navigation links: User Details, License Details, License Request (highlighted with a red box and number 2), Download, User Manuals, Reports, and Templates. Above the sidebar, the user's name 'Kallie Niebuhr' is shown. The main content area is titled 'Product License Request' and features a 'SARDS Module' tab (highlighted with a red box and number 3). Below this tab, the 'Product Modules' section includes a checkbox for 'SARDS Desktop Application' (highlighted with a red box and number 4). Below the checkbox, there are dropdown menus for 'Reason for license request' (with the selected value 'Additional staff required to use the software'), 'Number of licenses required' (with the selected value '1'), and 'Organization' (with the selected value 'SANRAL'). A 'Submit request' button (highlighted with a red box and number 5) is located at the bottom of the form. A 'Print' button is visible in the top right corner. The bottom of the page shows the database connection string: 'DB Connection : ORACLEDEVITISQA1'.

NOTE: Licence Key Request should be sent to ITIS Support for further processing

7. Approved Licence Number


Log onto On the ITIS Portal Website to access license number <http://itisqa.nra.co.za/portal/Default/Index> , navigate to:

- Click on **MyAccount** sub-menu>
- Click on **Licence Details** sub-menu on the left side>
- Click on **Available SARDS Licenses** tab top right side>
- Copy the **License Number**.



The screenshot shows the ITIS Portal interface. On the left sidebar, the 'myACCOUNT' module is selected (1), and the 'License Details' option is highlighted (2). The main content area shows the 'Product - License Details' page with the 'Available SARDS Licenses' tab selected (3). A table displays the license details for 'SARDS Desktop' under the organization 'SANRAL'. The license number 'A473A9CC78C9FC4298175BAAE1BA0F44' is highlighted with a red box and number 4. A 'Send license' button is visible next to the license number.

Sub Licenses	Organisation Name	License Start	License End	License	
SARDS Desktop	SANRAL	2019/09/09	2019/09/30	A473A9CC78C9FC4298175BAAE1BA0F44	Send license

 <p>SANRAL SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD BUILDING SOUTH AFRICA THROUGH BETTER ROADS</p>	Integrated Transport Information System		Document #: 	Rev.: 0 Page #: 8 of 14
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8. Register Login Window

- i. Capture **Username** details>
- ii. Capture **Password** details>
- iii. Paste **License Key number**>
- iv. Click on **Register** Button.



Note: If credentials are correct, the software should start the registration process.

9. Registered User Login Window

- Username should Auto-Populate>
- Capture **Password** details>
- License Key number** should Auto-Populate>
- Click on the **Login** button.



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**South African
Road Design System**

BETA - Version 0.2.8.26038

1 **User Name** Test 1

2 **Password**

3 **License Key** 69BFD1E4-D225-6840-B9F5-21F380F6D1B9

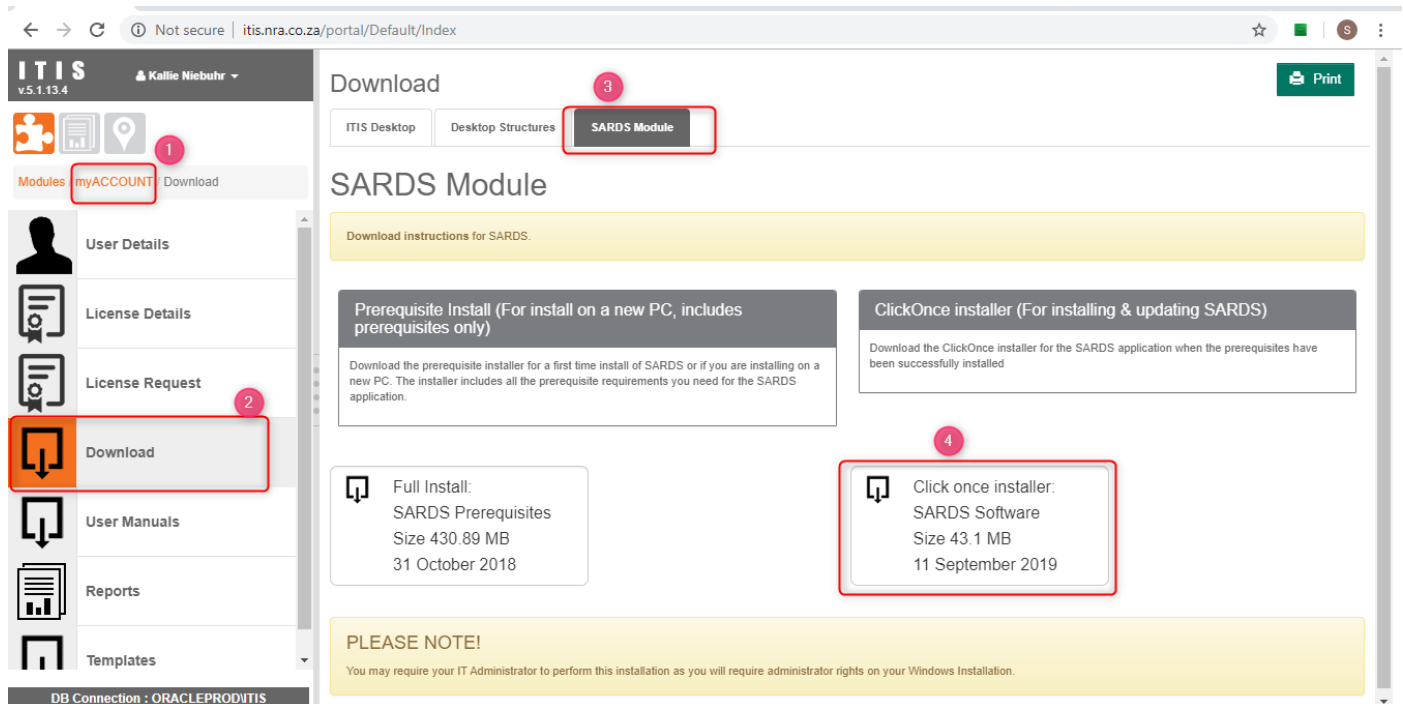
4 **Login** Configure Proxy Close

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10. Software Update

Log onto ITIS Portal Website, <http://itis.nra.co.za/portal/Default/Index> using User Credential`s and navigate to:

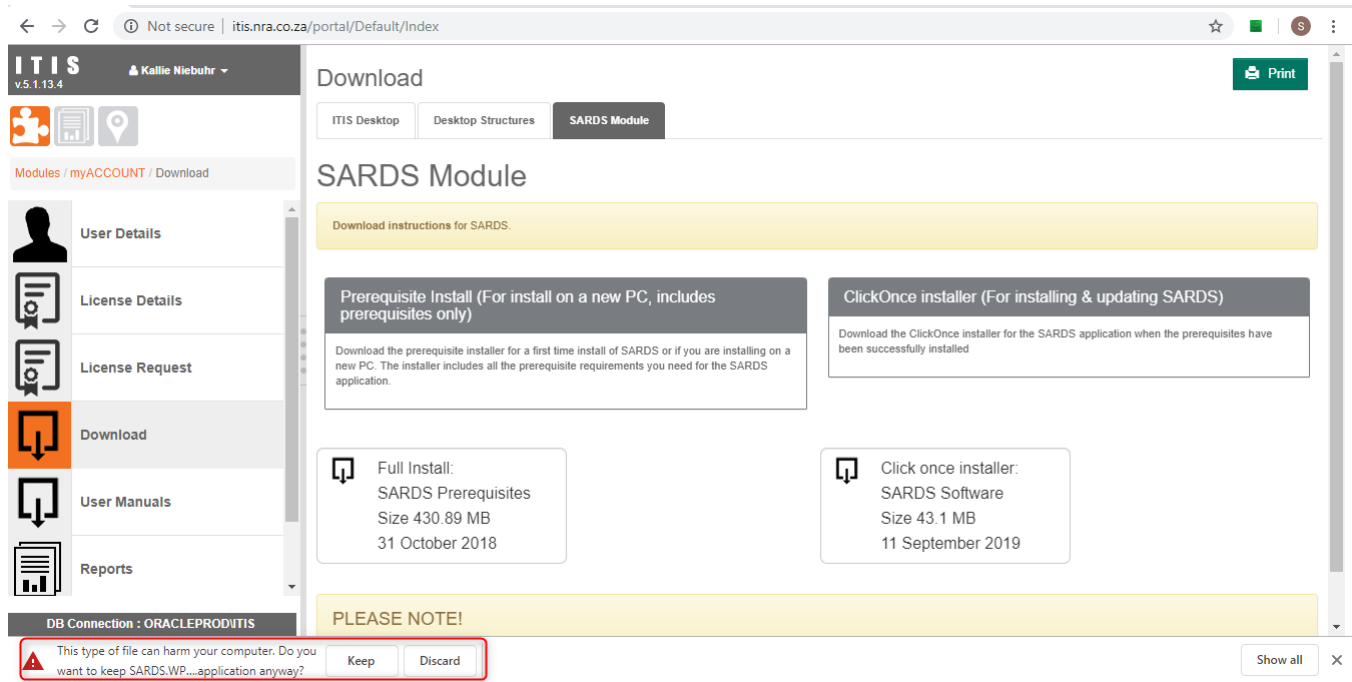
- Click on **My Account** sub menu>
- Click on **Download** sub-menu on the left side>
- Click on **SARDS Module** Tab on the top right>
- Select **Click once installer SARDS: Software** file download>
- Click on **Setup> Install>**
- Double click on the **SARDS Desktop** shortcut on your Desktop.



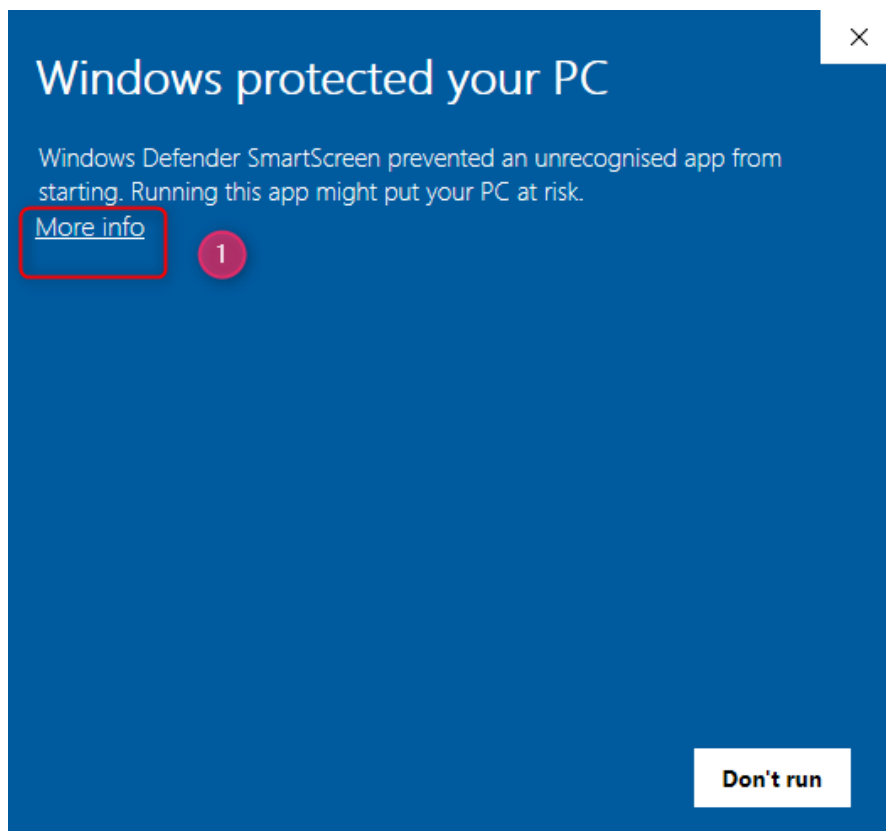
The screenshot shows the ITIS Portal Website interface. The sidebar on the left contains navigation links: myACCOUNT (highlighted with a red box and number 1), Download (highlighted with a red box and number 2), User Manuals, Reports, and Templates. The top navigation bar includes links for ITIS Desktop, Desktop Structures, and SARDS Module (highlighted with a red box and number 3). The main content area is titled "SARDS Module" and contains download instructions. It includes two sections: "Prerequisite Install (For install on a new PC, includes prerequisites only)" and "ClickOnce installer (For installing & updating SARDS)". The ClickOnce installer section has a download link (highlighted with a red box and number 4) for the Click once installer: SARDS Software, Size 43.1 MB, dated 11 September 2019. A "PLEASE NOTE!" section at the bottom states: "You may require your IT Administrator to perform this installation as you will require administrator rights on your Windows Installation."

Note: Should the user get an warning message on the bottom left on the screen, keep changes and continue with the download

- Click on **Keep** button>
- Click on **More Info** line item on the left side>
- Click on **Run Anyway** button Tab on the bottom left >



The screenshot shows the ITIS portal interface. The top navigation bar includes the ITIS logo and user information. The left sidebar contains navigation links for User Details, License Details, License Request, Download, User Manuals, and Reports. The main content area is titled 'SARDS Module' and contains download instructions. It includes two main sections: 'Prerequisite Install (For install on a new PC, includes prerequisites only)' and 'ClickOnce installer (For installing & updating SARDS)'. Below these sections are two download boxes: 'Full Install: SARDS Prerequisites' (Size 430.89 MB, 31 October 2018) and 'Click once installer: SARDS Software' (Size 43.1 MB, 11 September 2019). At the bottom, there is a 'PLEASE NOTE!' section and a warning message: 'This type of file can harm your computer. Do you want to keep SARDS.WP...application anyway?' with 'Keep' and 'Discard' buttons.



The screenshot shows a Windows Defender SmartScreen warning message. The message is displayed in a blue box with white text. It states: 'Windows protected your PC. Windows Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.' Below the text, there is a 'More info' link and a 'Don't run' button. A red circle with the number '1' is placed next to the 'More info' link.

Windows protected your PC

Windows Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.

Application: SARDS.WPF.exe

Publisher: Unknown publisher

1

Run anyway

Don't run

11. Registered User Login Window (For updated Version)

- i. **Username** should Auto-Populate>
- ii. Capture **Password** details>
- iii. **License Key** number should Auto-Populate>
- iv. Click on the **Login** button.



NB: User Login page should directly take user to the below SARDS Home page attached

