



South African Road Design System

SARDS Registration Document

September 2019

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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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Technical Support

For technical support please send an email to ITIS Support at itisissues@nra.co.za. The email needs to contain a short description of the problem in the Subject field. Please note that emails without a subject will be rejected. In the body of the email please describe your problem and provide your contact details.



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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.

5. Software Download

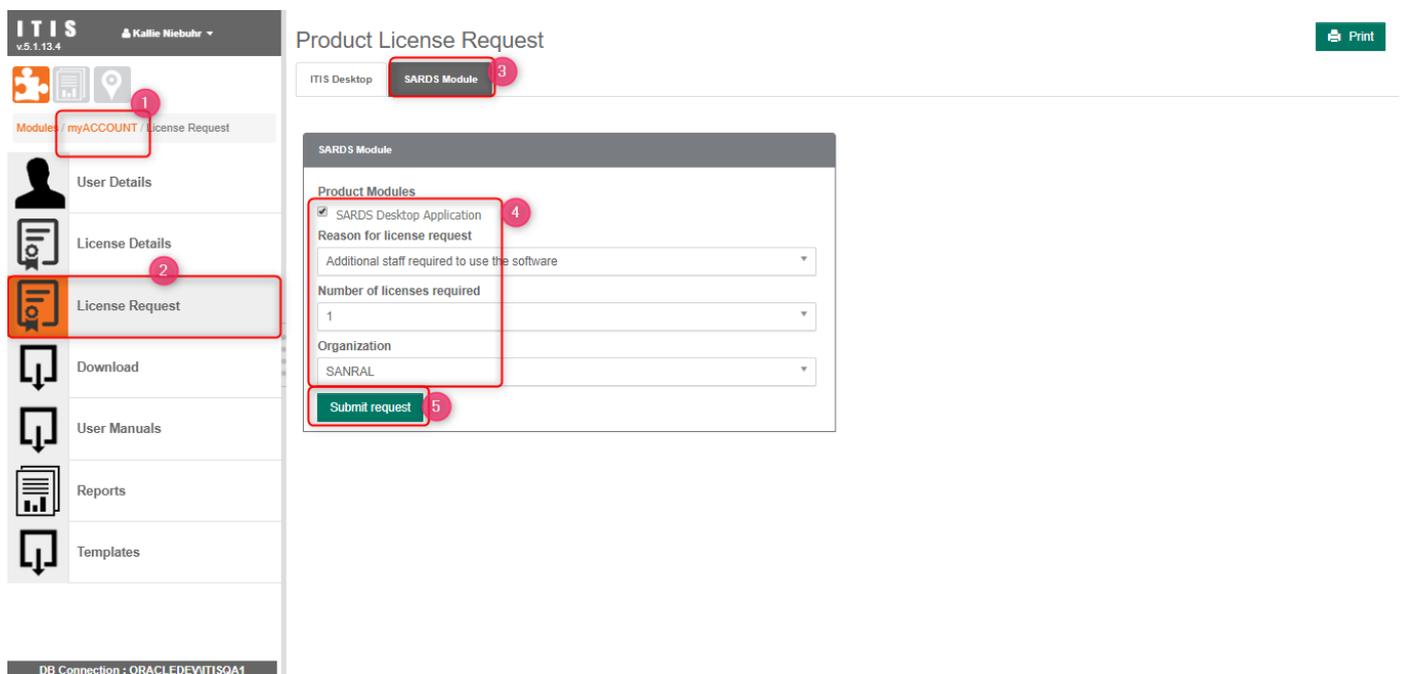
Log onto ITIS Portal Website, <http://itis.nra.co.za/portal/Default/Index>) using User Credential`s and navigate to:

- 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.



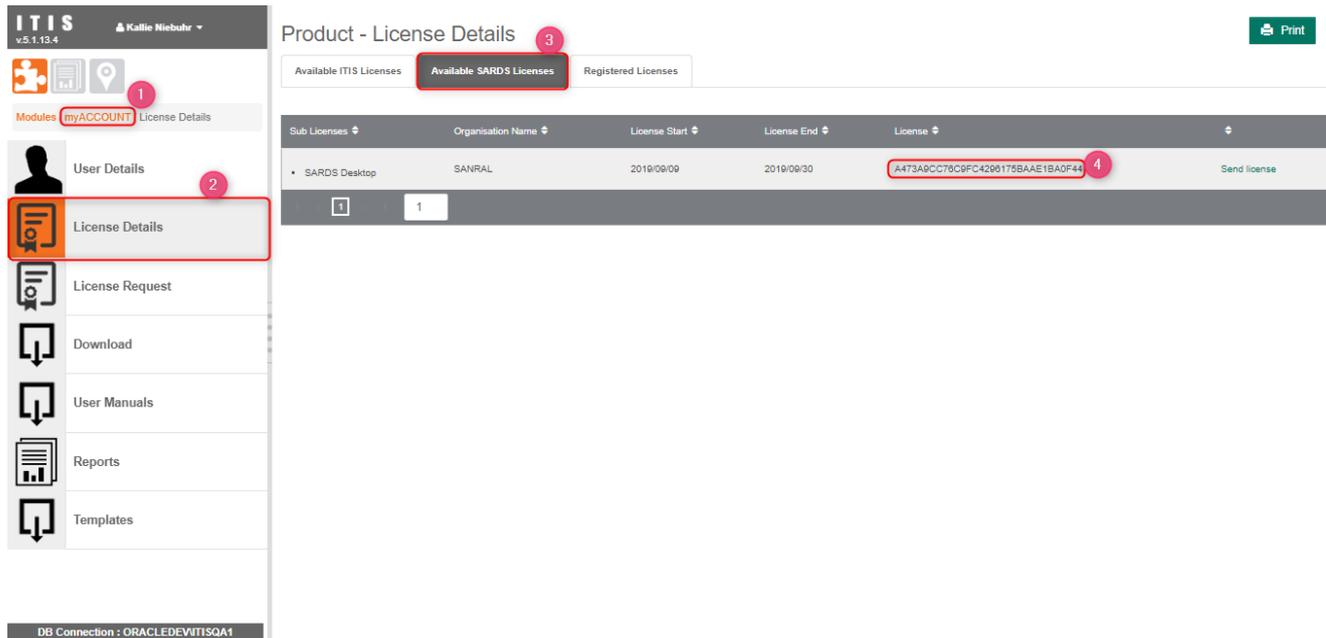
The screenshot displays the ITIS Portal interface for the SARDS Module registration process. The left sidebar shows the navigation menu with 'myACCOUNT' (1) and 'License Request' (2) highlighted. The main content area shows the 'SARDS Module' (3) form. The form includes a 'Product Modules' section with a checked checkbox for 'SARDS Desktop Application' (4). Below this, there are dropdown menus for 'Reason for license request' (containing 'Additional staff required to use the software'), 'Number of licenses required' (set to '1'), and 'Organization' (set to 'SANRAL'). A 'Submit request' button (5) is located at the bottom of the form. A 'Print' button is visible in the top right corner. The bottom status bar shows '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:

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



Product - License Details 3 Print

Available ITIS Licenses **Available SARDS Licenses** Registered Licenses

Sub Licenses	Organisation Name	License Start	License End	License	
SARDS Desktop	SANRAL	2019/09/09	2019/09/30	A473A9CCT76C9FC4289175BAAE1BA0F44 4	Send license

1 1

DB Connection : ORACLEDEVITISQA1

8. Register Login Window

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



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1 User Name

2 Password

3 License Key

[Click here for new users and licenses.](#)

4 Register Configure Proxy Close

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

9. Registered User Login Window

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



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1 **User Name** Test 1

2 **Password**

3 **License Key** 69BFD1E4-D225-6840-B9F5-21F380F6D189

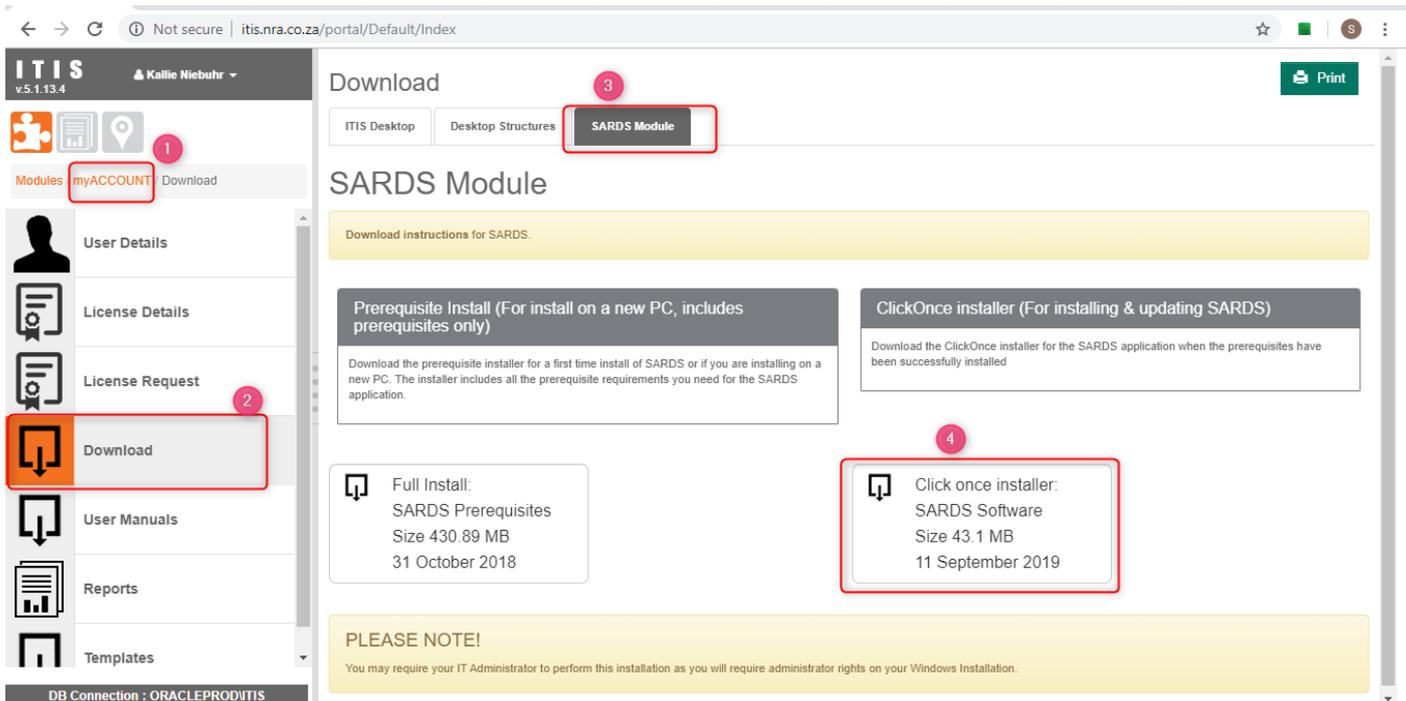
4 **Login** Configure Proxy Close

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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:

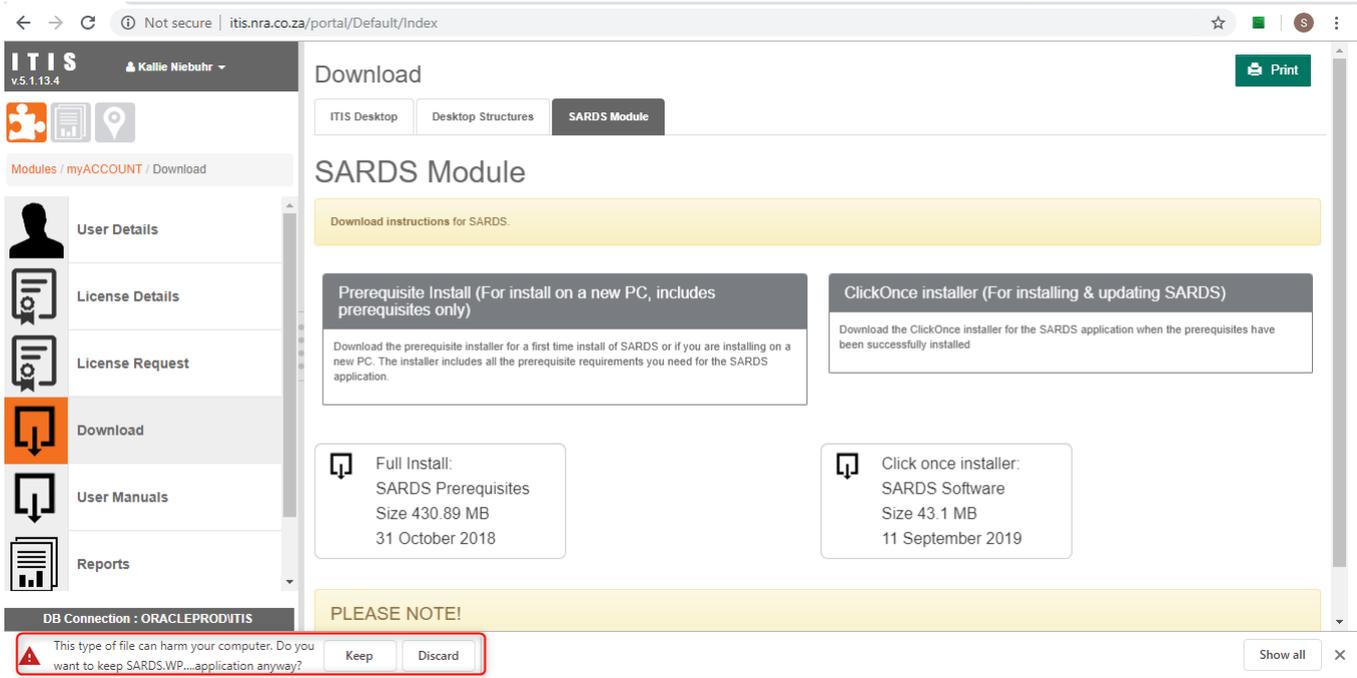
- i. Click on **My Account** sub menu>
- ii. Click on **Download** sub-menu on the left side>
- iii. Click on **SARDS Module** Tab on the top right>
- iv. Select **Click once installer SARDS: Software** file download>
- v. Click on **Setup> Install>**
- vi. Double click on the **SARDS Desktop** shortcut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



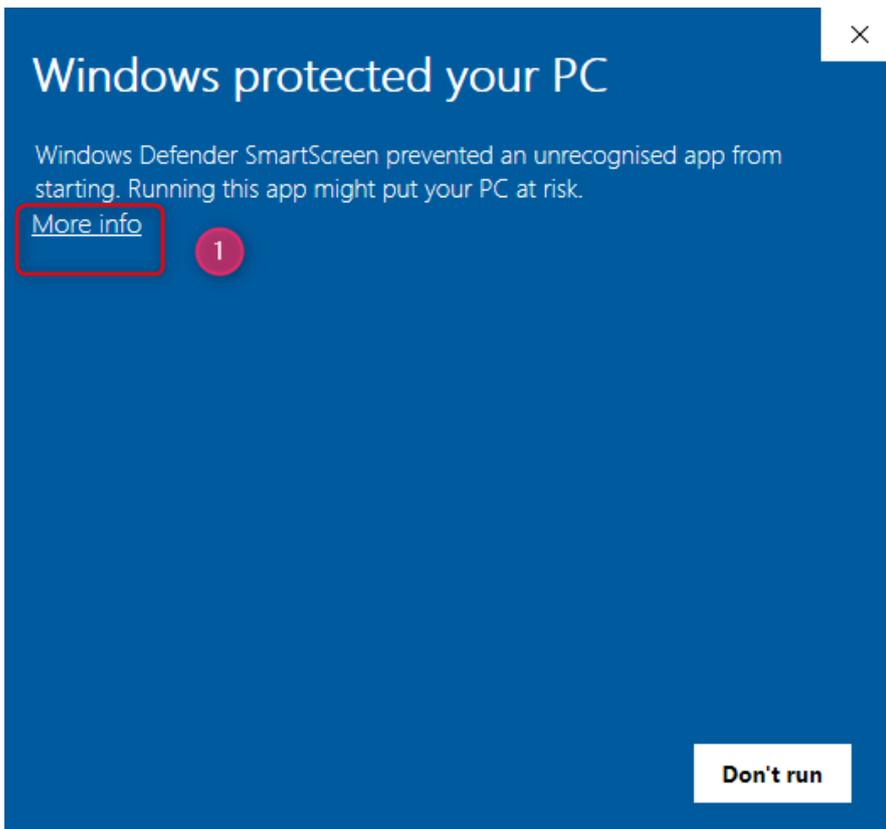
The screenshot shows the ITIS Portal Website interface. The browser address bar displays "Not secure | itis.nra.co.za/portal/Default/Index". The page title is "Download". The left navigation menu includes "myACCOUNT" (highlighted with a red box and number 1) and "Download" (highlighted with a red box and number 2). The top navigation bar includes "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 for SARDS." and two installation options: "Prerequisite Install (For install on a new PC, includes prerequisites only)" and "ClickOnce installer (For installing & updating SARDS)". Below these are two download links: "Full Install: SARDS Prerequisites" (Size 430.89 MB, 31 October 2018) and "Click once installer: SARDS Software" (Size 43.1 MB, 11 September 2019). The "Click once installer" link is highlighted with a red box and number 4. 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." The footer shows "DB Connection : ORACLEPROD/ITIS".

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

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



The screenshot shows the ITIS v5.1.13.4 web portal. The user is logged in as Kallie Niebuhr. The main page is titled 'Download' and 'SARDS Module'. It provides instructions for downloading the SARDS application. There are two main download options: 'Prerequisite Install' (430.89 MB) and 'ClickOnce installer' (43.1 MB). A 'PLEASE NOTE!' banner is present at the bottom of the content area. A Windows security warning is displayed at the bottom of the browser window, asking if the user wants to keep the file anyway, with 'Keep' and 'Discard' buttons highlighted.



The screenshot shows a Windows security warning message. The message states: "Windows protected your PC. Windows Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk." There is a "More info" link and a "Don't run" button. A red box highlights the "More info" link and a red circle with the number "1" is next to it.

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.



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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-B9F5-21F380F6D189

4 **Login** Configure Proxy Close

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

