



# **South African Road Design System**

## **SARDS Registration Document**

**September 2019**

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## Publication Details

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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](mailto:itisissues@nra.co.za).

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### Revision History

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|   |   |  |             |            |
|---|---|--|-------------|------------|
|  | Integrated Transport Information System |  | Document #: | Rev.:<br>0 |
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## 1. Terms and Abbreviations

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

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## 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.

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## 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.

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## 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

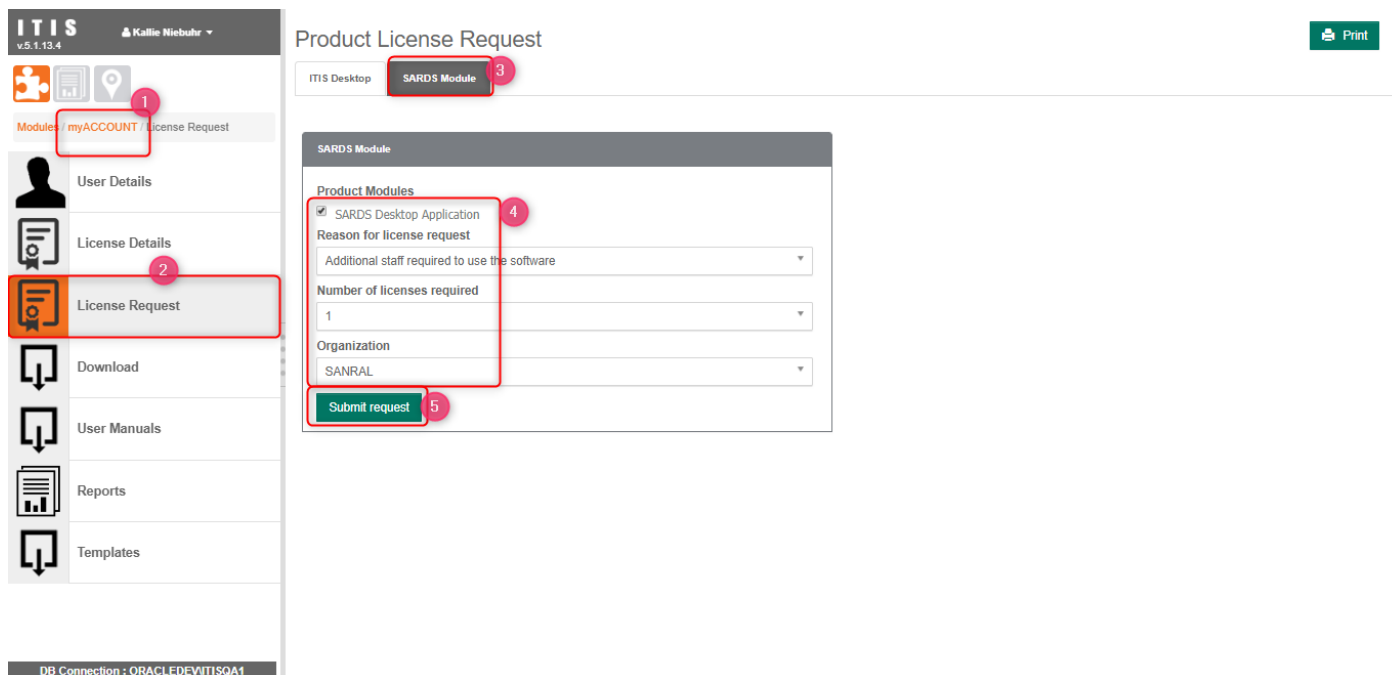
Log onto ITIS Portal Website, <http://itis.nra.co.za/portal/Default/Index>) using User Credential's and navigate to:

- 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:

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



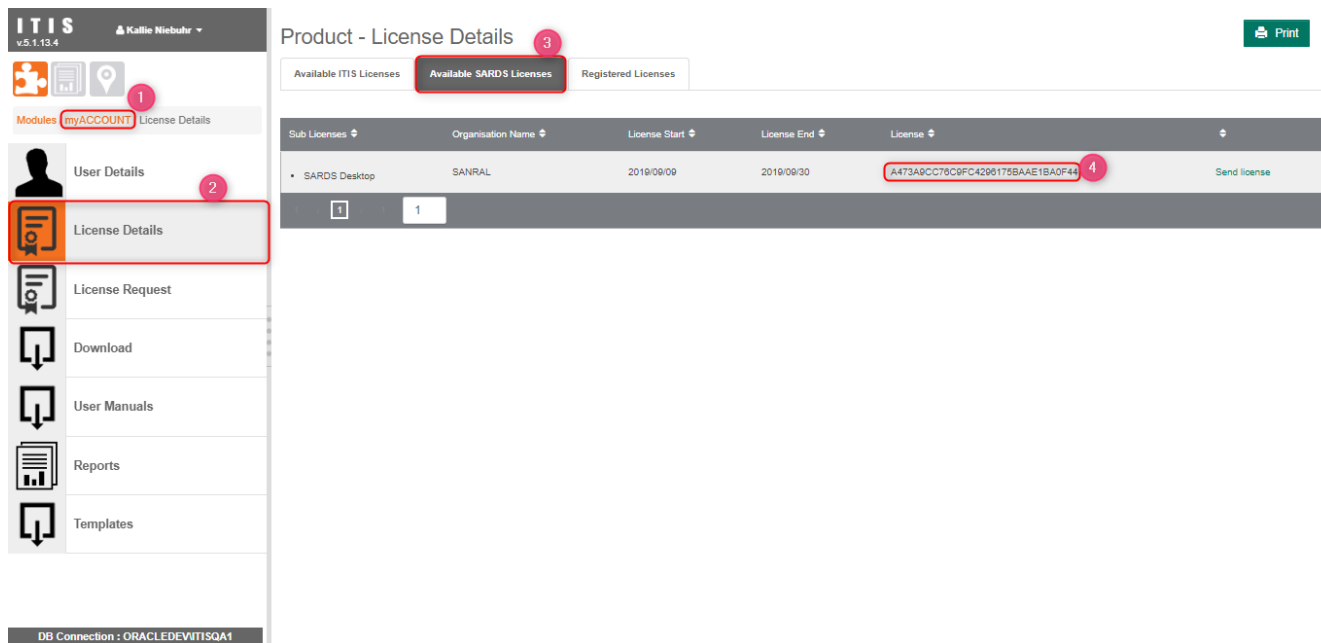
The screenshot displays the ITIS Portal interface. On the left, a sidebar contains navigation links: User Details, License Details, License Request (highlighted with a red box and number 2), Download, User Manuals, Reports, and Templates. The main content area is titled 'Product License Request' and features a 'SARDS Module' tab (highlighted with a red box and number 3). Below this, the 'Product Modules' section includes a checkbox for 'SARDS Desktop Application' (highlighted with a red box and number 4). The form also contains dropdown menus for 'Reason for license request' (with the selected option '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 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:

- 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 |

## 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

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



**SANRAL**  
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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

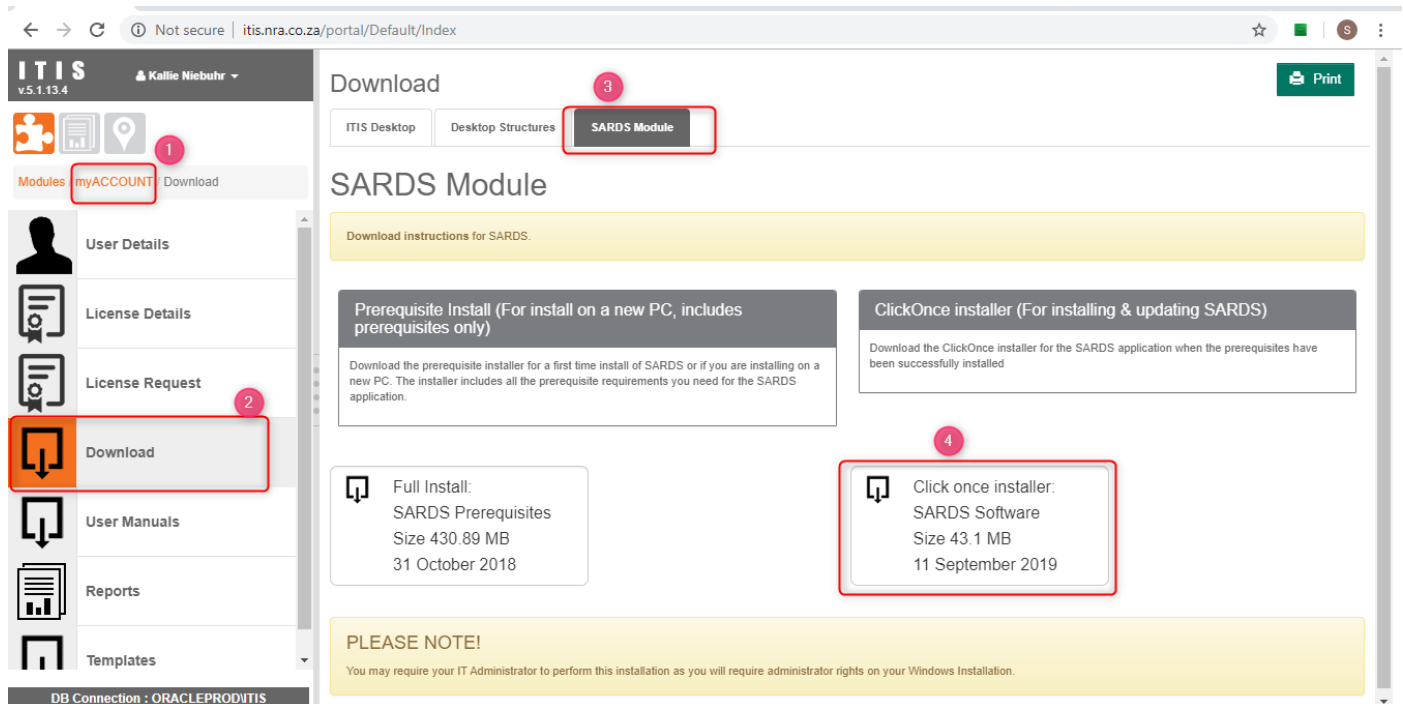
4 **Login** Configure Proxy Close

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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:

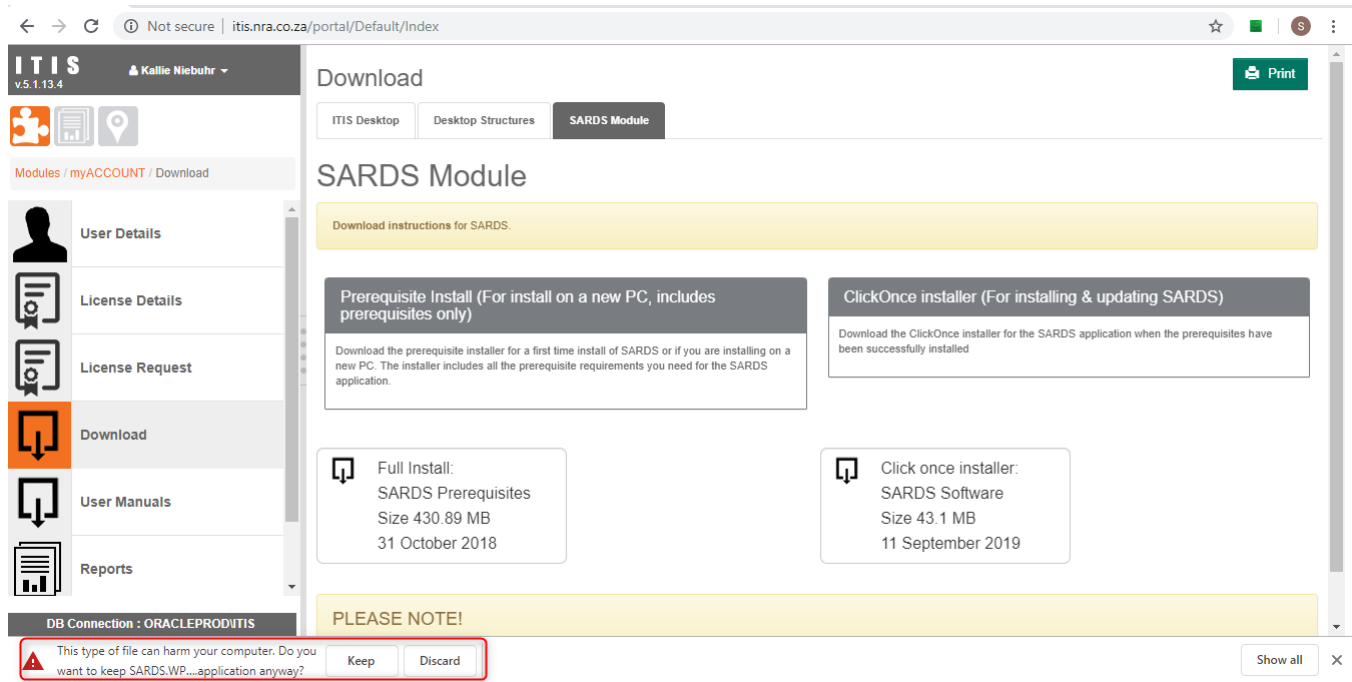
- Click on **My Account** sub menu>
- Click on **Download** sub-menu on the left side>
- Click on **SARDS Module** Tab on the top right>
- Select **Click once installer SARDS: Software** file download>
- Click on **Setup> Install>**
- Double click on the **SARDS Desktop** shortcut on your Desktop.



The screenshot shows the ITIS Portal Website interface. The top navigation bar includes the ITIS logo, version 5.1.13.4, and a user profile dropdown for Kallie Niebuhr. The sidebar on the left contains navigation links for Modules, myACCOUNT, Download, User Details, License Details, License Request, Download (highlighted with a red box and a pink circle 2), User Manuals, Reports, and Templates. The main content area is titled 'Download' and features a tabbed interface with 'ITIS Desktop', 'Desktop Structures', and 'SARDS Module' (highlighted with a red box and a pink circle 3). The 'SARDS Module' tab displays 'Download instructions for SARDS' and two main sections: 'Prerequisite Install (For install on a new PC, includes prerequisites only)' and 'ClickOnce installer (For installing & updating SARDS)'. The 'Prerequisite Install' section provides a download link for the prerequisite installer, with details: Full Install: SARDS Prerequisites, Size 430.89 MB, 31 October 2018. The 'ClickOnce installer' section provides a download link for the ClickOnce installer, with details: Click once installer: SARDS Software, Size 43.1 MB, 11 September 2019 (highlighted with a red box and a pink circle 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.' A 'Print' button is located in the top right corner.

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 >



ITIS v5.1.13.4 | Kallie Niebuhr

Download

ITIS Desktop | Desktop Structures | **SARDS Module**

### SARDS Module

Download instructions for SARDS.

**Prerequisite Install (For install on a new PC, includes prerequisites only)**

Download the prerequisite installer for a first time install of SARDS or if you are installing on a new PC. The installer includes all the prerequisite requirements you need for the SARDS application.

Full Install:  
SARDS Prerequisites  
Size 430.89 MB  
31 October 2018

**ClickOnce installer (For installing & updating SARDS)**

Download the ClickOnce installer for the SARDS application when the prerequisites have been successfully installed

Click once installer:  
SARDS Software  
Size 43.1 MB  
11 September 2019

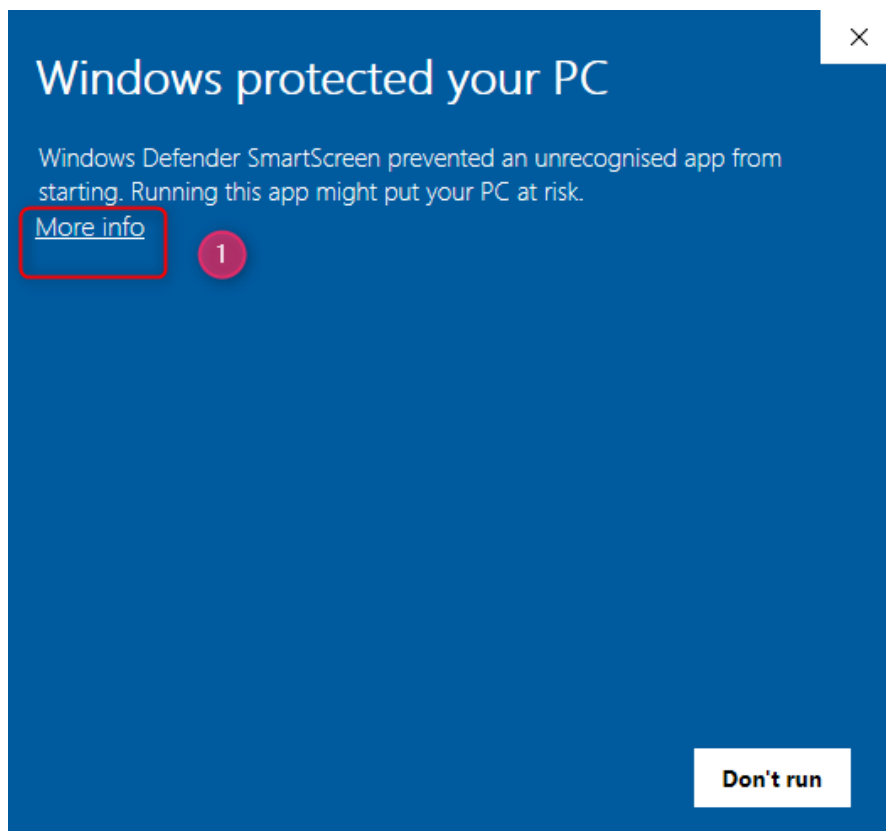
**PLEASE NOTE!**

DB Connection : ORACLEPRODITIS

This type of file can harm your computer. Do you want to keep SARDS.WP...application anyway?

Keep Discard

Show all



Windows protected your PC

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

[More info](#)

1

Don't run

## 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

