



SECURITY

# *User's Manual*

## *RSA SecurID for the Nokia 9210 Communicator*

### **Introduction**

RSA SecurID is a two-factor authentication system that enables you to access networks and services that are protected by an RSA ACE/Agent. To access a network or service protected by an RSA ACE/Agent, you must present a valid RSA SecurID PASSCODE, which consists of two factors:

- Your secret, memorized personal identification number (PIN)

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**Note:** This is not the same PIN that you use to unlock your Communicator.

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- A random number (known as the tokencode) generated by the RSA SecurID Software Token application on your Nokia Communicator. This tokencode matches a tokencode generated on the RSA ACE/Server.

With a conventional security system, it is easy for someone to learn your password and use it to access protected networks or services. A two-factor system, however, ensures reliable identification and authentication of users. With a two-factor system, in order to log in to a protected system, you need something you know (your PIN) and something you have (your RSA SecurID-enabled Communicator).

### **Installing and Accessing the RSA SecurID Software**

To install the RSA SecurID software on your Communicator, use the installation program provided on the Nokia 9210 Communicator installation CD-ROM.

Once you have installed the RSA SecurID software on your Communicator, you can access the RSA SecurID application from the Extras menu.

► **To access the RSA SecurID application:**

1. On the keyboard, press **Extras**.  
RSA SecurID appears on the **Extras** menu.
2. Select **SecurID**, and press **Open**.  
The Install activation license screen opens.

## Installing and Accessing the RSA SecurID Online Help

The RSA SecurID online Help is included on the Nokia 9210 Communicator installation CD-ROM. You can install the online Help the same way that you install the RSA SecurID application software. Installing the online Help is optional. Quick Help accesses information about the currently open RSA SecurID screen or dialog box. To view information about the currently open screen or dialog box, press **Quick help**. The online Help system provided on the installation CD-ROM includes more detailed help information. To browse the contents of the Help system, press the Help key on the Communicator keyboard.

## Configuring the Nokia Communicator Time Settings

Because the RSA SecurID software relies on time, it is important that you make sure that the date and time settings on your Nokia Communicator are always correct in relation to Coordinated Universal Time (UTC), also known as Greenwich Mean Time (GMT). If the time settings drift, authentication to SecurID-protected networks and services cannot take place. For instructions on setting the date and time on your Nokia Communicator, see the Nokia 9210 Communicator manual.

## Installing an Activation License

To activate RSA SecurID on your Communicator, you must obtain an activation license from your administrator. The license consists of approximately thirty alphanumeric characters (for example, AJ6K452Y6N2HSCT3YE69EB2DHSRH2) that you must type into your Communicator.

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**Note:** The activation license used in the example is not a valid license.

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► **To install an RSA SecurID activation license on your Nokia Communicator:**

1. On the keyboard, press **Extras**.  
The Extras menu opens.
2. Select **SecurID**, and press **Open**.  
If you have not yet installed an activation license, the Install activation license screen opens. If you have already installed one or more activation licenses, the Generate Passcode screen opens.
3. On the keyboard, press **Menu**, select **License**, and select **New**.  
The New Activation License dialog box opens.

4. Type a name in the Name field..

You cannot leave the License name field blank or type a space as the license name. The license name can contain a maximum of 30 alphanumeric characters and must be unique.

5. Type your activation license in the License field.
6. Press **OK**.

The message **New License Added** appears briefly.

## Renaming an Activation License

Each activation license must have a unique name of up to 30 characters. You cannot use a blank or a space as an activation license name. If you are going to store several activation licenses on your Communicator, assign the licenses descriptive names that tell you what the associated PASSCODEs enable you to access. For example, you might assign the license name *Savings* to a license that generates PASSCODEs for accessing your banking account.

### ► To rename an activation license:

1. On the keyboard, press **Menu**.
2. On the License menu, select **Properties**, and press **Select**.

The Activation License Properties dialog box opens with the license name highlighted.

3. Type a new activation license name, and press **OK**.

## Selecting an Activation License

You can store an unlimited number of activation licenses on your Communicator. You may, for example, install an activation license for generating PASSCODEs that allow you to access applications and networks you use for work, and another activation license for generating PASSCODEs that allow you access to your bank account. By default, the activation licenses are stored in the Communicator according to the order in which you install them. When you open the RSA SecurID program on the Communicator, the Generate Code screen opens for the currently active activation license.

### ► To select an activation license:

1. On the keyboard, press **Menu**.
2. On the License menu, select **Active license**, and press **Select**.

A list of the activation licenses stored on your Communicator opens. The name of the current activation license appears highlighted.

3. On the keyboard, press the Navigation key to select the appropriate activation license, and press **Select**.

The activation license that you select becomes the current activation license.

## Viewing the Activation License Serial Number

Each activation license is associated with a unique serial number. For example, in the activation license file **3314794:AJ6K452Y6N2HSCT3YE69EB2DHSRH2**, received by your administrator from RSA Security, the numbers **3314794** represent the serial number, and the characters **AJ6K452Y6N2HSCT3YE69EB2DHSRH2** represent the activation license. If you experience problems authenticating to the RSA ACE/Server, your administrator may ask you for your activation license serial number.

### ► To view an activation license serial number:

1. On the keyboard, press **Extras**.  
The Extras screen opens.
2. Select **SecurID**, and press **Open**.  
The Generate Passcode screen opens. The Active license field lists the name of the activation license.
3. On the keyboard, press **Menu**.
4. On the License menu, select **Properties**, and press **Select**.  
The Activation License Properties dialog box opens, listing the activation license serial number.

## Deleting an Activation License

### ► To delete an activation license:

1. Make sure the activation license you want to delete is the current activation license.  
For instructions on how to select an activation license, see “Selecting an Activation License” on page 3.
2. On the keyboard, press **Menu**.
3. On the License menu, select **Delete**, and press **Select**.  
A message appears naming the license and asking whether you are sure you want to delete it.
4. Press **Delete**.  
The message **License Deleted** appears briefly.

## Generating a PASSCODE

### ► To generate a PASSCODE on your Nokia Communicator:

1. On the keyboard, press **Extras**.  
The Extras screen opens.
2. Select **SecurID**, and press **Open**.  
The Generate Passcode screen opens.

3. In the PIN field, type your RSA SecurID PIN.

If you have not been assigned a PIN, or if your administrator has cleared your PIN, leave the input field blank and continue with the next step.

4. Press **Generate**.

The Passcode screen opens. The PASSCODE appears in the Code field for 60 seconds.

5. When prompted, type the PASSCODE into the SecurID-protected site or application.

Be sure to type the PASSCODE within the 60-second interval, or the PASSCODE will not be valid.

## **Copying a PASSCODE**

If you are generating a PASSCODE to access a SecurID-protected WAP site, you can launch the browser from your Communicator and use the paste function to enter the PASSCODE when you are prompted for it. You can either copy the PASSCODE manually, or enable the Auto-copy feature. If you generate a PASSCODE while the Auto-copy feature is enabled, the PASSCODE is copied to the clipboard automatically.

### ***Copying a PASSCODE Manually***

#### **► To copy a PASSCODE Manually:**

1. After you generate the PASSCODE, press **Copy**.

The PASSCODE is copied to the clipboard.

2. To paste the PASSCODE into a SecurID-protected site or application, press CTRL-V on the keyboard.

### ***Enabling the Auto-Copy Feature***

#### **► To enable Auto-copy:**

1. On the keyboard, press **Menu**.
2. On the Edit menu, select **Auto-copy**.

On the menu, a checkmark appears next to **Auto-copy**, indicating that Auto-copy is enabled. To disable Auto-copy, repeat the procedure.

## Generating the Next Tokencode

While authenticating to an RSA SecurID-protected site or service, if you type a series of incorrect PASSCODEs before successfully authenticating, you are prompted for the next tokencode.

### ► To generate the next tokencode:

1. On the keyboard, press **Menu**.
2. On the Passcode menu, select **Next tokencode**, and press **Select**.

The Next Tokencode screen opens. The tokencode appears in the Code field for 60 seconds.

3. When prompted, type the tokencode into the SecurID-protected site or application.

## Generating a PASSCODE in New PIN Mode

If you have not been assigned a PIN, or if you need to replace your PIN (for example, if you have forgotten your PIN or if it has been stolen), your administrator puts your RSA ACE/Server software token in New PIN mode. To generate a PASSCODE while in New PIN mode, perform the following procedure.

### ► To generate a PASSCODE in New PIN Mode:

1. On the keyboard, press **Menu**.
2. On the Passcode menu, select **New PIN mode**, and press **Select**.

The New PIN Mode screen opens.

3. Type your new PIN, and press **Next passcode**.

The Next Passcode screen opens. The PASSCODE appears in the Code field for 60 seconds.

4. When prompted, type the PASSCODE into the RSA ACE/Server-protected site or application.

## Troubleshooting

If login attempts consistently fail, verify that the time settings on your Communicator are correct in relation to Coordinated Universal Time (UTC) time, also known as Greenwich Mean Time (GMT). Because RSA SecurID relies on UTC, the time, date, and time zone settings on your mobile phone must always be correct in relation to UTC. If the time settings drift, authentication to SecurID-protected networks and services cannot take place. To get UTC, call a reliable time service. For instructions on how to change the time settings on your Communicator, see the Nokia 9210 Communicator manual.

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