

Lucent Technologies
Bell Labs Innovations



**Access Security
Gateway (ASG) Key
Release 1.0
User's Guide**

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Fraud Intervention

If you suspect you are being victimized by toll fraud and you need technical support or assistance, call the Lucent Technologies National Customer Care Center at **1 800 643-2353**.

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Overview

The Access Security Gateway (ASG) Key is a hand-held hardware device that enables you to log into a Lucent Technologies' system (such as DEFINITY® Enterprise Communications Server and INTUITY® system) that is protected by the Access Security Gateway family of security products. Even though you have a valid login for the Lucent system, you will be unable to access the system without using the ASG Key.

The ASG system that protects the Lucent system provides a random seven-digit "Challenge" every time you attempt to access the system. The ASG system expects you to enter the corresponding "Response" to the Challenge. The ASG Key provides the Response that the ASG system expects. To receive the valid Response, you must first enter your PIN, and then enter the seven-digit Challenge into the ASG Key and press the ON button. The ASG Key displays the Response that

the ASG system expects. Provided that you used a valid login ID for the Lucent system, entered the Challenge correctly into the ASG Key, and entered the corresponding Response correctly into the Lucent system, you will gain access to the Lucent system.

To use the ASG Key to enter the ASG system and access a Lucent system, you must know a valid login ID for the Lucent system and your Personal Identification Number (PIN) for the ASG Key. The Lucent system login ID identifies you to the Lucent system as a user. The PIN is your private number for use with the ASG Key. The ASG Key, in conjunction with your PIN and a valid Lucent system login ID, enables you to identify yourself as an authorized user of the Lucent system.

Security Alert

The ASG Key must be kept secure at all times. You must take all safeguards against losing the ASG Key.

You are fully responsible and accountable for the:

- Whereabouts of your ASG Key
- Appropriate use of your ASG Key
- Return of your ASG Key when you no longer need it

In case you lose or misplace your ASG Key, it is extremely important to notify your ASG Key Distribution Coordinator as soon as possible.

For security reasons, never give your PIN to anyone. Memorize the number. Do not record the number in any place that can be easily accessed. It is recommended that your PIN contain the maximum allowable digits. Change your PIN regularly and do not recycle old ones.

Your PIN should be hard to guess and should not contain:

- All the same numbers (for example, 8888)
- Sequential numbers (for example, 4321)
- Digit strings associated with you, including names, birthdays, telephone numbers, or social security number

Use a well distributed PIN (for example, 1840 or 0517).

You must not share your ASG Key with anybody else unless approved by your ASG Key Distribution Coordinator (that is, the person from whom you received your ASG Key).

Note that if you forget your PIN, the ASG Key cannot be used or reprogrammed. You must exchange it for a new key. Contact your ASG Key Distribution Coordinator.

Setting Up the ASG Key

You must perform this procedure before you can start using the ASG Key. You will only need to perform this procedure once unless the secret key in the product is changed. Then, you must repeat this procedure.

Before performing this procedure, you must know the 20-digit secret key. To get the secret key, contact the System Administrator in your company who is responsible for entering the secret key into the ASG Guard.

To set up the AGS Key:

1. Press the ON button on the ASG Key.
2. Enter the default PIN (1234) and press the ON button.
3. Enter any seven-digit number (for example, 1234567) and press the ON button.

A new seven-digit number is displayed.

4. Press the Menu button three times.
The ASG Key displays **INIT KEYS**.
5. Press the ON button.
The ASG Key displays **INIT 0**.
6. Enter the first eight digits of the secret key and press the ON button.
The ASG Key displays **INIT 1**.
7. Enter the second eight digits of the secret key and press the ON button.
The ASG Key displays **INIT 2**.
8. Enter the last four digits of the secret key and press the ON button.
The ASG Key displays **COMPLETE**.
9. Change the default PIN by performing the procedures in "Changing Your Pin" on page 9.

Using the ASG Key

To use the ASG Key:

1. Connect to the Lucent system (such as a DEFINITY or INTUITY system) you want to access via the appropriate interface (for example, your PC or laptop).

2. At the **LOGIN:** prompt from the Lucent system, enter a valid login ID for the Lucent system.

The system verifies your login ID and then displays the **CHALLENGE:** prompt and a seven-digit Challenge.

3. Press the ON button on the ASG Key.
4. Enter your PIN and press the ON button.
5. Enter the seven-digit Challenge into the ASG Key and press the ON button.

The ASG Key displays a seven-digit Response.

6. Enter the seven-digit Response into the Lucent system.

If you entered the PIN, Challenge, and Response correctly, you will gain access to the Lucent system. The ASG Key will turn off automatically in 30 seconds.

If you entered an incorrect or invalid PIN, the ASG Key displays **ERROR**. If you entered the Challenge or the Response incorrectly, the Lucent system displays **INCORRECT LOGIN**.

Changing Your PIN

The PIN is a four-digit to eight-digit code that you must enter to use the ASG Key. If you enter an incorrect PIN, you will be unable to generate correct Responses to any Challenges issued by the ASG system.

To change your PIN:

1. Press the ON button on the ASG Key.
2. Enter your PIN and press the ON button.
The default PIN is 1234.
3. Enter any seven-digit number (for example, 1234567) and press the ON button.
4. Press the Menu button.

The ASG Key displays **CHANGE PIN**.

5. Press the ON button.

The ASG Key displays **NEW PIN**.

6. Enter your new PIN and press the ON button. (If you do not want to change the PIN, press the Menu button to exit the Change PIN procedure.)

The ASG Key displays **CONFIRM**.

7. Re-enter the new PIN and press the ON button.

The ASG Key displays **COMPLETE**. The ASG Key will turn off automatically in 30 seconds.

Viewing the Serial Number of the ASG Key

Each ASG Key has a unique serial number. To view the serial number for your ASG Key:

1. Press the ON button on the ASG Key.
2. Enter your PIN and press the ON button.
3. Enter any seven-digit number (for example, 1234567) and press the ON button.
4. Press the Menu button two times.
The ASG Key displays **VIEW SN**.
5. Press the ON button.
The ASG Key displays its serial number.

Replacing the Battery

When the battery in the ASG Key needs to be replaced, the ASG Key display will not turn on or the low battery icon will appear in the upper right-hand corner of the display:



The ASG Key requires a single Sony CR2025 3 Volt Lithium coin cell battery.

To replace the battery:

1. Make sure the ASG Key is off.
2. Locate the battery compartment on the back of the ASG Key. The battery compartment cover is fastened by a single screw.
3. Remove the cover of the battery compartment.
4. Remove the old battery.
5. Insert the new battery into the holder with the positive (+) side facing the front (display side) of the ASG Key.

6. Place the battery compartment into the ASG Key, and then fasten the battery compartment with the screw.
7. Press the ON button on the ASG Key to make sure the ASG Key works properly.