

# **Sentinel**HASP®

HASP SL – v.5.10  
Product Activation Tutorial



# Copyrights and Trademarks

Copyright © 2010 SafeNet, Inc. All rights reserved.

Cross-Locking, Hardlock, Hasp, HASP4, Method-Level Protection, Sentinel, Sentinel HASP, Sentinel HASP HL, Sentinel HASP SL, Sentinel HASP Business Studio, Sentinel HASP Reporting Module, Sentinel HASP Trialware, Sentinel SuperPro, and Sentinel UltraPro are either registered in United States Patent and Trademark Office or are trademarks of SafeNet, Inc. and its subsidiaries in the United States and/or other countries, and may not be used without written permission.

All other trademarks are property of their respective owners.

## Patents

HASP® hardware and/or software products described in this document are protected by one or more of the following Patents, and may be protected by other United States and/or foreign patents, or pending patent applications: US 5,359,495, US 5,898,777, US 6,189,097, US 6,073,256, US 6,272,636, US 6,009,525, US 6,044,469, US 6,055,503, US 6,334,213, US 6,434,532, US 6,285,985, US 6,334,214, US 6,009,401, US 6,243,692, US 6,363,356, US 7,149,928, US 7,065,652, US 6,915,425, US 6,898,555, US 7,065,650, US 7,225,336, US 7,191,325, EP 1220075, EP 1318451, EP 1271310, EP 1353259, EP 1387235 and EP 1439446.

## Disclaimer

We have attempted to make this document complete, accurate, and useful, but we cannot guarantee it to be perfect. When we discover errors or omissions, or they are brought to our attention, we endeavor to correct them in succeeding releases of the product. SafeNet, Inc., is not responsible for any direct or indirect damages or loss of business resulting from inaccuracies or omissions contained herein. The specifications contained in this document are subject to change without notice.

November 2010

Revision 0910-2-1

## Contents

<b>Introduction .....</b>	<b>4</b>
Roles .....	5
Conventions .....	5
Lessons in this Tutorial .....	6
<b>1. Preliminary Preparation .....</b>	<b>7</b>
Installing the Sentinel HASP Software .....	7
Launching Sentinel HASP Vendor Suite .....	8
<b>2. Defining Features .....</b>	<b>9</b>
Defining a Feature in Sentinel HASP Business Studio .....	10
<b>3. Protect Once .....</b>	<b>12</b>
Protecting the Sample Bouncing Ball Program .....	13
<b>4. Defining Products .....</b>	<b>16</b>
Defining a Fully-featured Product for the Bouncing Ball Program .....	17
Defining a Provisional Product for the Bouncing Ball Program .....	18
<b>5. Preparing the Trial Product for Distribution .....</b>	<b>20</b>
Defining a Bundle of Provisional Products .....	21
<b>6. Running the Trial Version of the Program .....</b>	<b>23</b>
Running the Protected Trial Version of the Program .....	23
<b>7. Defining and Producing an Order for the Licensed Product .....</b>	<b>25</b>
Producing a Product Key for the Licensed Product .....	25
<b>8. The End-User Experience .....</b>	<b>27</b>
Activating the Protected Program .....	27
Tutorial Conclusion .....	28

## Introduction

---

Thank you for choosing to evaluate Sentinel HASP as the method to protect and license your software against unauthorized use.

This tutorial demonstrates how easy it is to protect a Windows program, create a trial license, and convert the trial license into a permanent license protected with a HASP SL protection key (software locking).

To evaluate protection using a HASP HL key (hardware locking), you must order a Sentinel HASP Developer Kit. Developer kits can be ordered from <http://www3.safenet-inc.com/forms/hasp-srm-order/form.aspx>.

The procedures in this guide describe how you protect and license the Bouncing Ball sample program included with the Sentinel HASP software, as follows:

- Defining a Sentinel HASP Feature that will be used as an identifier for the program that you want to protect and license
- Protecting the Bouncing Ball program
- Creating two Sentinel HASP Products that incorporate the Feature you defined, each with different license terms
- Preparing the trial Product for distribution
- Running the trial version of the protected program
- Producing a Sentinel HASP Product Key for a user who purchased a permanent license
- Activating the permanent license

## Roles

The Sentinel HASP system is role-based, and the tasks you can perform depend on the user roles assigned to you by the Sentinel HASP Administrator.

In order to enable you to experience the broad functionality of the Sentinel HASP system in this tutorial, you will have access to all roles. The roles you assume in the various lessons include:

- **Product Management** role  
The person, usually a product manager, who determines the product components to be protected (called *Features* in Sentinel HASP), how these components are used to define Products, and the license structure for the Products
- **Development** role  
The person, usually a software engineer, who protects the software using Sentinel HASP Envelope or the Sentinel HASP Run-time API, and performs other development-related tasks, such as generating the Sentinel HASP run-time installer
- **Customer Services** role  
The person responsible for performing manual Product activations
- **Order Management** role  
The person responsible for defining and managing customer orders
- **Production** role  
The person responsible for producing customer orders

In addition, you will assume the role of an end user in order to run a Provisional Product. After that, using Sentinel HASP, you will activate and use a fully licensed Product.

## Conventions

Each of the lessons in this tutorial begins with a focused breakdown of the lesson, such as the following:

<b>Objective</b>	A short description of the lesson objective
<b>Role in this lesson</b>	The role or roles that you assume during the lesson
<b>Applications used</b>	Sentinel HASP or other applications you use in the lesson

## Lessons in this Tutorial

This tutorial includes the following lessons:

- *Lesson 1—Preliminary Preparation*  
In this lesson, you install the Sentinel HASP system and learn how to launch Sentinel HASP Vendor Suite.
- *Lesson 2—Defining Features*  
In this lesson, you use Sentinel HASP Business Studio to define a program as a Feature.
- *Lesson 3—Protect Once*  
In this lesson, you use Sentinel HASP Envelope to protect the Feature you defined.
- *Lesson 4—Defining Products*  
In this lesson, you use Sentinel HASP Business Studio to define Products that incorporate the Feature you defined.
- *Lesson 5—Preparing the Trial Product for Distribution*  
In this lesson, you use Sentinel HASP Business Studio to define a Provisional Product based on one of the Products you defined and protected, and then prepare the Product for distribution.
- *Lesson 6—Running the Trial Version of the Program*  
In this lesson, you simulate a variety of typical end-user experiences.
- *Lesson 7—Defining and Producing an Order for the Licensed Product*  
In this lesson, you define an order for a software-based Product Key for your Product.
- *Lesson 8—The End-User Experience*  
In this lesson, you simulate the experience of an end user who has purchased the full Product and activates it using the Product Key you created using Sentinel HASP.

We recommend that you follow the lessons sequentially to familiarize yourself with the Sentinel HASP system and to gain a clear understanding of the strength of the *Protect Once—Deliver Many™* model, and the flexibility it provides.

## Lesson 1

# Preliminary Preparation

---

Objective	Prepare your computer and Sentinel HASP for the tutorial
Applications used	Sentinel HASP Installation DVD ♦ Sentinel HASP Vendor Suite

The procedures in this lesson are required in order for you to be able to implement the processes outlined in subsequent lessons of this tutorial. They include:

- Instructions for installing the Sentinel HASP software, including Sentinel HASP Business Studio Server
- Instructions for launching Sentinel HASP Vendor Suite

## Installing the Sentinel HASP Software

Before proceeding with this tutorial, install the Sentinel HASP software, including Sentinel HASP Business Studio Server, on your computer.

---

### Note:

Refer to the *Sentinel HASP Software Protection and Licensing Guide* for a list of the Windows operating systems that are supported.

---

**To install the Sentinel HASP software:**

- If you downloaded the Sentinel HASP ZIP file from the internet, burn it to a DVD to create the Sentinel HASP DVD.
- Insert the Sentinel HASP DVD into your machine. In the splash screen, click **Start the Sentinel HASP Setup** and follow the Sentinel HASP Setup Wizard instructions. The Sentinel HASP software is installed.

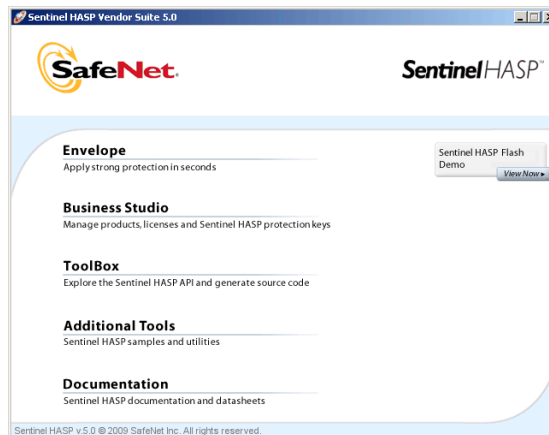
**Note:**

For more detailed installation instructions, refer to the *Sentinel HASP Software Protection and Licensing Guide* and to the *Sentinel HASP Installation Guide*.

## Launching Sentinel HASP Vendor Suite

After completing the installation, launch Sentinel HASP Vendor Suite as follows:

- From the **Start** menu, select **Programs > SafeNet > Sentinel HASP > Vendor Suite**. The Sentinel HASP Vendor Suite program selection screen is displayed. You can access the primary Vendor Suite applications from this screen.



You are now ready to start the tutorial.



## Lesson 2

# Defining Features

---

<b>Objective</b>	Learn how to define Features
<b>Role in this lesson</b>	Product Management
<b>Applications used</b>	Sentinel HASP Business Studio

A Feature is an identifiable functionality of a software application that can be independently licensed. In Sentinel HASP, a Feature may be an entire application, a module, or a specific functionality such as Print, Save or Draw.

Features are typically defined by the Product Manager, based on business decisions, and are then implemented by the company's software engineers.

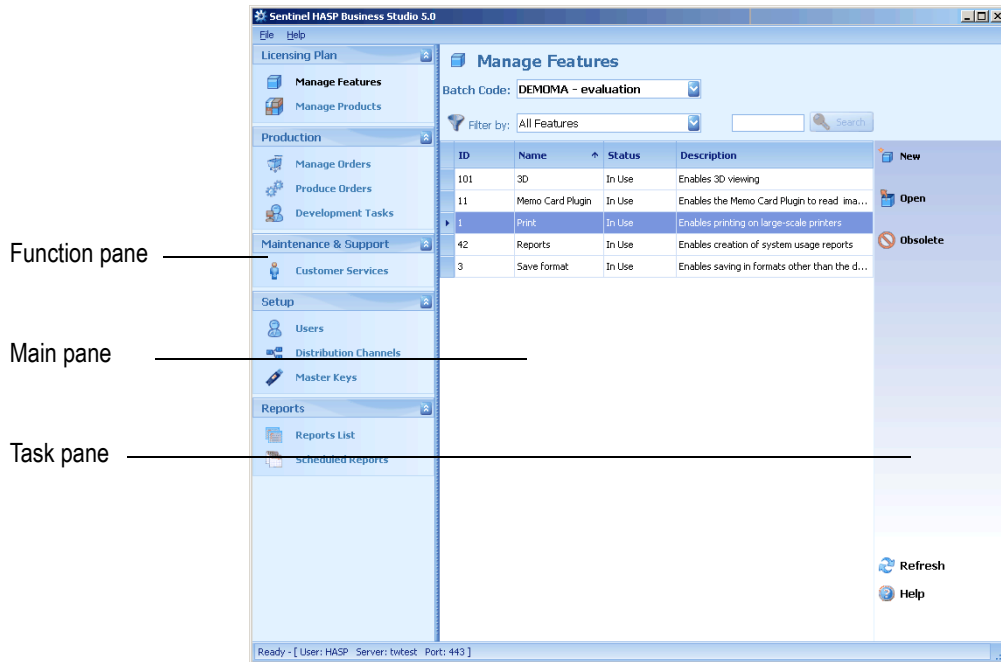
In this lesson, you assume the Product Management role, and use Sentinel HASP Business Studio to define a Feature for use as an identifier for the program that you want to protect and license.

### To launch Sentinel HASP Business Studio:

1. In the Sentinel HASP Vendor Suite program selection screen, click **Business Studio**. The Log On to Business Studio window is displayed.
2. In the Log On to Business Studio window, specify the following:
  - ♦ In the **User Name** field, type **HASP**.
  - ♦ In the **Password** field, type **HASP**.
3. Click **OK**. The Sentinel HASP Business Studio window is displayed.

The Business Studio window typically includes the following:

- Function pane, in which you select the function to perform
- Main pane, in which you view and select items
- Task pane, in which you perform actions



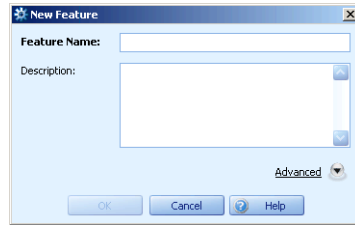
## Defining a Feature in Sentinel HASP Business Studio

In this section, you define a Feature for an existing program—the Bouncing Ball sample program supplied with Sentinel HASP.

### To define the Bounce Feature:

1. In the Function pane of the Sentinel HASP Business Studio window, under **Licensing Plan**, select **Manage Features**. The Manage Features window is displayed in the Main pane. The Task pane lists the tasks that can be performed in this window.

2. In the Task pane, click **New**. The New Feature dialog box is displayed.



3. In the **Feature Name** field, type **BounceCore**.
4. Click **Advanced** to expand the dialog box.
5. Select the **Specify Feature ID** check box and type **10** in the corresponding field.
6. Click **OK**. The New Feature dialog box closes. The Bounce Feature you defined is saved in the Sentinel HASP Business Studio database and displayed in the Manage Features window.

## Lesson 3

# Protect Once

---

<b>Objective</b>	Learn how to apply Sentinel HASP's automatic protection abilities
<b>Role in this lesson</b>	Development
<b>Applications used</b>	Sentinel HASP Envelope

Sentinel HASP Envelope is an innovative, advanced solution for protecting software against illegal or unauthorized use. The solution deters illegal access and execution of protected applications.

A deployed Sentinel HASP-protected program requires access to a specific Sentinel HASP protection key in order to run. The protected program queries the Sentinel HASP protection key for predefined information. If the Sentinel HASP protection key is not present, or the information returned is incorrect, the program does not execute, or stops functioning.

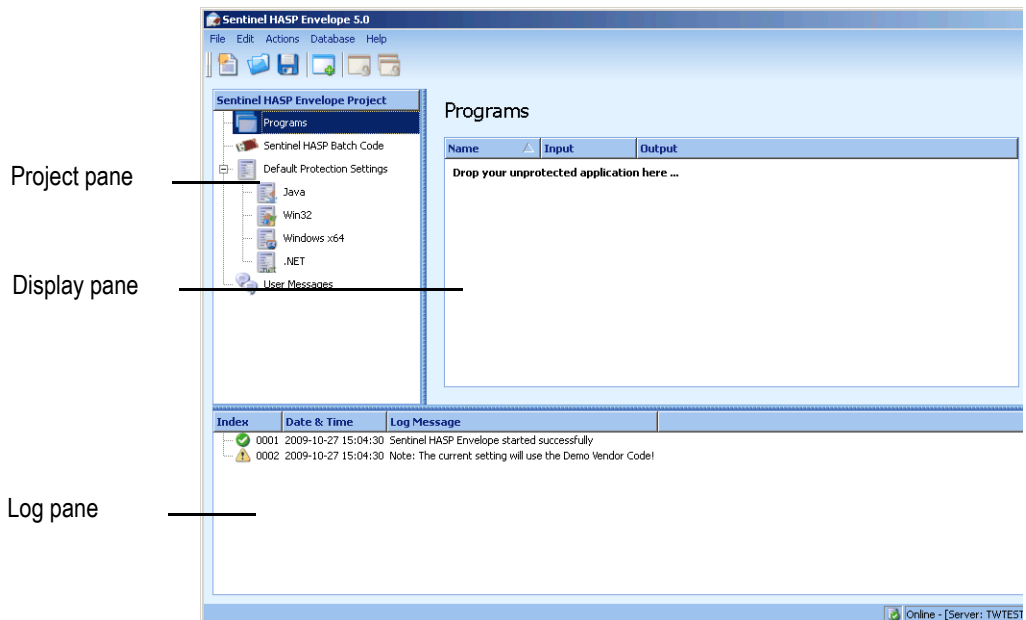
In this lesson, you use Sentinel HASP Envelope to wrap and protect the Bouncing Ball sample program with a secure shield. This protection process is independent of the licensing process and can be executed at any stage.

## Protecting the Sample Bouncing Ball Program

In this section you launch Sentinel HASP Envelope to define protection parameters for the Bounce program.

The Sentinel HASP Envelope window includes the following:

- Project pane, in which you select the function to perform
- Display pane, in which you select items and perform actions. The name of the pane changes to reflect the function you selected in the Project pane, for example, **Programs** in the following illustration.
- Log pane, in which Sentinel HASP Envelope messages are displayed



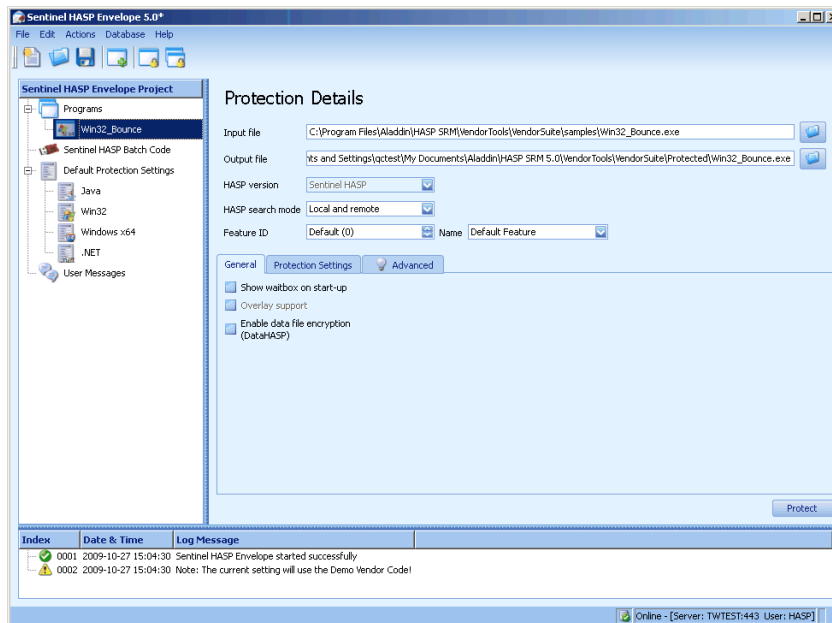
### To log in to Sentinel HASP Envelope:

1. In the Sentinel HASP Vendor Suite program selection screen, click **Envelope**. The Log On to Sentinel HASP window is displayed.
2. In the Log On to Sentinel HASP window, specify the following:
  - ◆ In the **User Name** field, type **HASP**.
  - ◆ In the **Password** field, type **HASP**.

3. Click **OK** to log on to Sentinel HASP and launch Sentinel HASP Envelope.

### To protect the Bouncing Ball program:

1. In the Sentinel HASP Envelope Project pane, select **Programs**.
2. Click **Add Programs** in the top right of the Programs pane.  
The Add Programs window opens, displaying the contents of the VendorSuite\samples folder.
3. Select **Win32\_Bounce.exe** and click **Open**. Win32\_Bounce is now listed in the Programs pane.
4. In the Project pane, under **Programs**, select **Win32\_Bounce**. The protection details are shown in the Display pane.



5. In the Display pane, define the protection details:
  - a. In the **Output file** field, click the browse button. The Select Output File dialog box is displayed.
  - b. Create a new folder on your desktop and name it **BounceDemo**.

The default file name, **Win32\_Bounce.exe**, is displayed in the **File name** field.

- c. Click **Save**. The new location and file name are displayed in the **Output file** field.
- d. In the **Name** field (to the right of the **Feature ID** field), select **BounceCore** from the drop-down list (the Feature you defined in Sentinel HASP Business Studio).
- e. At the bottom of the Display pane, click **Protect**. A message informs you that the Sentinel HASP system is protecting the program.
- f. Click **Close** when Sentinel HASP Envelope notifies you that the protection has completed. The protected Bounce program is saved in the BounceDemo folder on your desktop.
- g. Close Sentinel HASP Envelope. You are prompted to save the current project.
- h. Click **Save**. The Save As dialog box is displayed.
- i. In the **File Name** field, type **Bounce** and click **Save**. The project is saved.

---

**Important:**

The Sentinel HASP Developer Kit uses a demo Sentinel HASP protection key to demonstrate the way in which Sentinel HASP protects software. Do not send programs protected with Sentinel HASP demo keys to your customers.

---

## Lesson 4

## Defining Products

---

<b>Objective</b>	Learn how to define the Products you want to license
<b>Role in this lesson</b>	Product Management
<b>Applications used</b>	Sentinel HASP Business Studio

A *Product* is a licensing entity that represents one of the vendor's marketable software products. The Product is coded into the memory of a HASP key and contains one or more Features. License terms are defined for each Feature in a Product.

Like Features, Products are defined using Sentinel HASP Business Studio. Typically, this function is performed by the Product Manager, and implemented by the software engineer. In a real-life environment, a number of Products might be defined and held in readiness for inclusion in customer orders. However, you can define new Products—mixing and matching Features—at any time.

You now use Sentinel HASP Business Studio to create two Products, each containing the Feature ID you defined for the Bouncing Ball program in *Lesson 2—Defining Features*.

In this lesson, you define the following Products:

- “BounceFull” — A “fully-featured” Product, in which the license enables unrestricted access to all the Features in the program.
- “BounceTrial” — A “rental” Product, in which the license expires after 30 days. This Product will be created by duplicating the “fully-featured” Product and modifying the license terms.



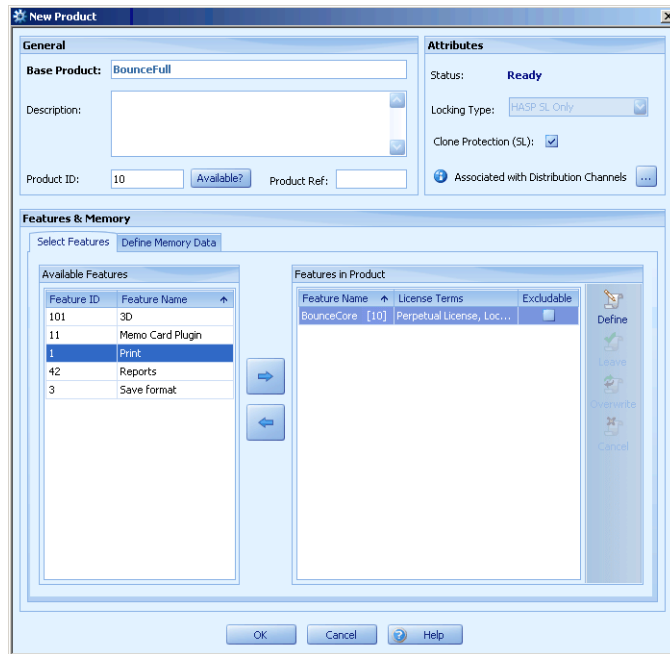
## Defining a Fully-featured Product for the Bouncing Ball Program

In this lesson, you define a Product based on the Bounce Feature with a fully-featured perpetual license that will allow the end user unlimited access to the program.

**To define a licensed Product for the Bouncing Ball program:**

1. In the Function pane of the Business Studio window, under **Licensing Plan**, select **Manage Products**. The Manage Products window is displayed in the Main pane.
2. In the Task pane, click **New**. The New Product window is displayed.
3. In the New Product window:
  - a. In the **General** area, in the **Base Product** field, type **BounceFull**.
  - b. In the **Attributes** area, in the **Locking Type** drop-down list, select **HASP SL Only**.

- c. In the **Features & Memory** area, in the **Available Features** list, select **Feature 10 (BounceCore)** and click the right arrow. The Feature is moved to the **Features In Product** list. By default, the license terms are for a perpetual license.



4. Click **OK**. The new BounceFull Product is saved in the database, and displayed in the list of Products in the Main pane.

## Defining a Provisional Product for the Bouncing Ball Program

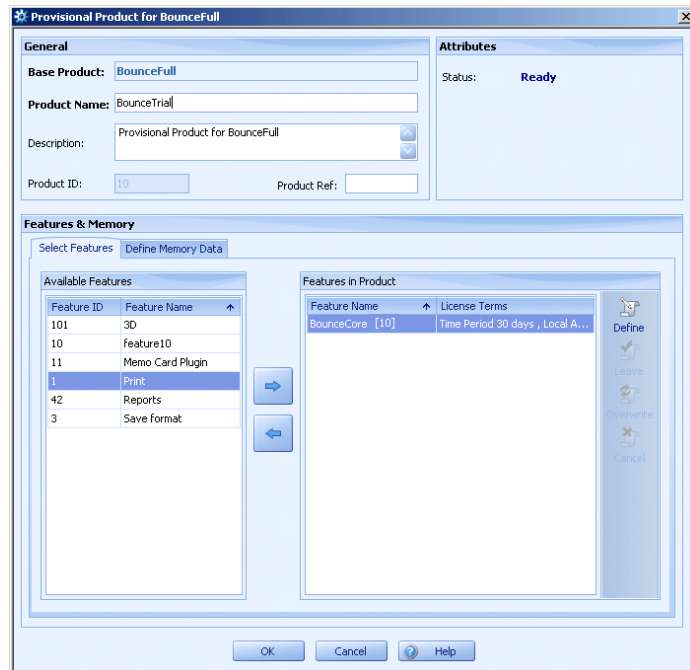
In this lesson, you define a Provisional Product based on the Bounce Feature , with a license that enables the program to be launched for 30 days. After 30 days, the license must be updated to enable further use of the program.

**To define a Provisional Product for the Bouncing Ball program:**

1. In the Function pane of the Business Studio window, under **Licensing Plan**, select **Manage Products**. The Manage Products window is displayed in the Main pane.
2. Ensure that **BounceFull** is selected in the list of Products.
3. In the Task pane, click **New Provisional**. The Provisional Product for BounceFull window is displayed.
4. In the **Product Name** field, type **BounceTrial**.

Note that:

- ◆ The **Base Product** field displays **BounceFull**.
- ◆ The **Description** field displays **Provisional Product for BounceFull**.
- ◆ The BounceCore Feature you defined in *Lesson 2 – Defining Features* is included in the Product with a license for 30 days. This is the default number of days for a license for a Provisional Product.



5. Click **OK**. The new BounceTrial Product is saved in the database, and displayed in the list of Products in the Main pane.

## Lesson 5

# Preparing the Trial Product for Distribution

---

<b>Objective</b>	Learn how to bundle a Provisional Product that can be supplied as a trial product
<b>Role in this lesson</b>	Product Management, Development
<b>Applications used</b>	Sentinel HASP Business Studio

A Provisional Product is typically used for evaluation purposes, to enable the provision of a grace period, or for super-distribution. A Provisional Product can be used on any computer—without a Sentinel HASP protection key—for a limited time period only. After the allotted period expires, the software no longer runs, until it is activated with a Sentinel HASP protection key.

In this lesson, still in the Production Management role, you define the “BounceTrial” Product as a trial version of the “BounceFull” Product that you defined in *Lesson 4—Defining Products*. You then assume the Development role to prepare the Product for distribution in a bundle, including a customized Sentinel HASP Run-time Environment Installer executable file.

## Defining a Bundle of Provisional Products

To prepare your trial Product for distribution, you use Sentinel HASP Business Studio to create a Sentinel HASP Run-time Environment installer that contains a provisional license for the Bounce program.

### To define a bundle of Provisional Products:

1. In the Function pane of the Sentinel HASP Business Studio window, under **Production**, select **Development Tasks**. The Development Tasks window is displayed in the Main pane.
2. In the Task pane, click **Bundle Provisional Products**. The Bundle Provisional Products window is displayed.
3. Click **Add**. The Products window is displayed.
4. Select **BounceFull [BounceTrial]** and click **Add**. BounceTrial is added to the list of Products in the Bundle Provisional Products window.
5. Click **Produce Now**. The Produce Bundle of Provisional Products window is displayed.
6. In the Produce Bundle of Provisional Products window:
  - a. In **File Type**, verify that the **V2C** option is selected.
  - b. In **File Location**, enter or browse to the location where the V2C file should be saved.
  - c. Click **Generate File**. The Provisional\_[timestamp].v2c file is generated in the default location and a success message is displayed.
  - d. Click **OK**. The Development Tasks window indicates that the bundle has been created.
7. In the Task pane, click **RTE Installer**. The Generate Run-time Environment Installer window is displayed.
8. In the Generate Run-time Environment Installer window:
  - a. In the **V2C File Location** field, click the browse button. The Select V2C File for RTE Installer window is displayed.
  - b. In the default folder, select the **Provisional\_[timestamp].v2c** file that you created earlier, then click **Open**. The path to the file is displayed in the **V2C File Location** field.
  - c. In the **Installer Type** field, verify that the **Application (EXE)** option is selected.

- d. In the **Output File Location** field, browse to the BounceDemo folder you created on your desktop and click **Save**. The path to the BounceDemo folder is displayed in the field.
- e. Click **Generate File**. A message informs you that the file was generated.
- f. Click **OK**. The Main pane indicates that an RTE Installer has been customized.

## Lesson 6

# Running the Trial Version of the Program

---

<b>Objective</b>	Simulate a variety of end-user interactions with programs protected by Sentinel HASP protection keys
<b>Role in this lesson</b>	End user
<b>Applications used</b>	Admin Control Center

In this lesson, you simulate a variety of typical end-user experiences:

- Running a Sentinel HASP-protected program
- Examining the license for a Sentinel HASP-protected program
- Using Sentinel HASP Admin Control Center

## Running the Protected Trial Version of the Program

When you initially run the Bounce program as an end user, it is protected with Sentinel HASP and uses the limited provisional license you prepared for the BounceTrial Product.

Although in a real-life environment, your software engineer would typically embed the Run-time Environment installation into your software installation so that it executes as part of the installation process, in this tutorial you perform several installation and simulation steps.

**To run the protected program:**

1. Install the Sentinel HASP Run-time Environment by running the Run-time Environment installer. In a real-life situation, the installer would be incorporated into the installation of your software.
  - a. From your computer's **Start** menu, select **Run**.
  - b. In the Run window, browse to the BounceDemo folder you created on your desktop.
  - c. Select **haspdinst.exe** and click **Open**. The file path is displayed in the Run window.
  - d. At the end of the file path, type a space character followed by **-i** and click **OK**. After a few seconds, the Sentinel HASP Run-time Environment is installed and a success message is displayed.
  - e. Click **OK**. The success message closes.
2. Run the protected program:
  - a. Open the BounceDemo folder you created on your desktop and double-click the protected **Bounce.exe** program. A message is displayed warning that the program is only protected with a demo HASP key.
  - b. Click **OK**. The program runs and you see the bouncing ball.
3. Examine the license for the Bounce program:
  - a. While the program is running, from your computer's **Start** menu, select **Programs > SafeNet > Sentinel HASP > Tools > Admin Control Center** to open Sentinel HASP Admin Control Center.
  - b. In the Administration Options pane, select **Features**. The Features in the currently active Sentinel HASP protection keys are displayed.
  - c. Note that a record is displayed for Feature ID 10—the Feature you used to protect and license the Bounce program. The following data is provided:
    - ◆ In the **Logins** column, the number **1** indicates that the program is currently active.
    - ◆ The **Restrictions** column indicates that the 30-day trial period has begun.
  - d. Close the Bounce program.



## Lesson 7

# Defining and Producing an Order for the Licensed Product

---

Objective	Learn how to define and produce orders
Role in this lesson	Order Management, Production
Applications used	Sentinel HASP Business Studio

In this lesson, you assume the Order Management role to define an order for a software-based Product Key for the BounceFull Product that you defined in *Lesson 4—Defining Products*.

## Producing a Product Key for the Licensed Product

**To produce a Product Key for the licensed Product:**

1. In the Function pane of the Sentinel HASP Business Studio window, under **Production**, select **Manage Orders**.
2. In the Task pane, click **New**. The New Production Order window is displayed.
3. In the Production Order window:
  - a. Click **Add**. The Products window is displayed.
  - b. Select **BounceFull** and click **Add**. BounceFull is added to the Order Items list.

- c. In the **Order Details** area, select the **Product Key-based** option.
  - d. Click **Produce**. The Produce Product Keys window is displayed.
- 4. In the Produce Product Keys window:
  - a. In the **File Location** field, browse to the BounceDemo folder you created on your desktop and click **OK**. The path to the BounceDemo folder is displayed in the field.
  - b. Click **Generate File**. The Produce Product Keys dialog box displays a success message. You can open the Product Key text file from this dialog box.
  - c. Click **Yes** to open the text file. The Product Key number is displayed.
  - d. Close the text file. The order is displayed in the list of orders in the Business Studio main pane, and the generated Product Key file is saved as **Product\_Keys\_[OrderID].txt**, in the BounceDemo folder on your desktop.

## Lesson 8

## The End-User Experience

---

Objective	Learn how to activate the full Product protected by a Sentinel HASP protection key
Role in this lesson	End user
Applications used	Sentinel HASP Admin Control Center

In this final lesson, you simulate the experience of an end user who has purchased the fully-featured Product and activates it using the Product Key you prepared in *Lesson 7—Defining and Producing an Order for the Licensed Product*. At the end of this process, the Bounce program is a fully-licensed product, protected with a HASP SL protection key that is locked to your computer.

### Activating the Protected Program

To activate and run the protected program:

1. From the **Start** menu, go to **Programs > SafeNet > Sentinel HASP > Tools > Online-Activation Demo**. The Sentinel HASP Activation Demo dialog box is displayed. This dialog box simulates the end-user experience when activating a license.
2. Open the BounceDemo folder you created on your desktop and double-click **Product\_Keys\_[OrderID] .txt**. The Product Key string is displayed as a text file.
3. Copy the Product Key to your clipboard.

4. In the Sentinel HASP Activation Demo dialog box:
  - a. Paste the Product Key into the **Product Key** field.
  - b. Click **Activate**. A message box is displayed indicating that the software has been activated.
  - c. Click **OK**. The activation message closes.
5. Run the Bounce program again.
6. Examine the license for the Bounce program using Sentinel HASP Admin Control Center.
  - a. In the Administration Options pane, select **Features**. The Features in the currently active Sentinel HASP protection keys are displayed.
  - b. Note that a new record is displayed for Feature ID 10. The following data is provided:
    - ◆ In the **Feature ID** column, a padlock icon indicates that the license is locked to the computer.
    - ◆ In the **Logins** column, the number **1** indicates that the program is currently active.
    - ◆ The **Restrictions** column indicates that the Bounce Feature now has a Perpetual license.
  - c. Close the Bounce program.

## Tutorial Conclusion

Congratulations! You have now completed the HASP SL Product Activation Tutorial.

---

**Note:** To repeat this tutorial on the same computer, you must open the Settings dialog box for the Activation Demo and define a different Feature ID. Open the Sentinel HASP Activation Demo dialog box as described in step 1 above. Click the **Settings** button. In the Settings dialog box, define a different Feature ID and click **OK**.

---