# *EAGLE® LNP Application Processor (ELAP)*

Release 7.0

# Feature Notice

909-0679-001 Revision B

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## Patents

This product is covered by one or more of the following U.S. and foreign patents:

U.S. Patent Numbers:

5,732,213; 5,953,404; 6,115,746; 6,167,129; 6,324,183; 6,327,350; 6,456,845; 6,606,379; 6,639,981; 6,647,113; 6,662,017; 6,735,441; 6,745,041; 6,765,990; 6,795,546; 6,819,932; 6,836,477; 6,839,423; 6,885,872; 6,901,262; 6,914,973; 6,940,866; 6,944,184; 6,954,526;6,954,794; 6,959,076; 6,965,592; 6,967,956; 6,968,048; 6,970,542; 6,987,781; 6,987,849; 6,990,089; 6,990,347; 6,993,038; 7,002,988; 7,020,707; 7,031,340; 7,035,239; 7,035,387; 7,043,000; 7,043,001; 7,043,002; 7,046,667; 7,050,456; 7,050,562; 7,054,422; 7,068,773; 7,072,678; 7,075,331; 7,079,524; 7,088,728; 7,092,505; 7,108,468; 7,110,780; 7,113,581; 7,113,781; 7,117,411; 7,123,710; 7,127,057; 7,133,420; 7,136,477; 7,139,388; 7,145,875; 7,146,181; 7,155,206; 7,155,243; 7,155,505; 7,155,512; 7,181,194; 7,190,702; 7,190,772; 7,190,959; 7,197,036; 7,206,394; 7,215,748; 7,219,264; 7,222,192; 7,227,927; 7,231,024; 7,242,695; 7,254,391

Foreign Patent Numbers:

EP1062792; EP1308054; EP1247378; EP1303994; EP1252788; EP1161819; EP1177660; EP1169829; EP1135905; EP1364520; EP1192758; EP1240772; EP1173969; CA2352246

## Ordering Information

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# Feature Notice

## Feature Notice Introduction

Feature Notices are distributed to customers with each new release of software.

This *Feature Notice* includes a brief overview, lists new hardware required (if any), provides the hardware baseline for this release (if applicable), and explains how to find the *Release Notice* and other customer documentation on the Customer Support Site.

## Important Operational Changes

None

## New Feature for ELAP 7.0

ELAP has been updated to be compatible with the latest version of Java, which is Java 1.5. The ELAP GUI now requires Java 1.5 or later. If your browser does not support Java 1.5, when you attempt to connect to the ELAP GUI, your browser will be prompted to install Java 1.5.

## Java

The ELAP GUI uses a Java "banner" applet to display real-time updates and status for both A and B sides of the MPS.

The Java installation must be performed in the sequence shown:

1. Install Java Plug-In
2. Install Java Policy File
3. Add Security Parameters to an Existing Java Policy File or Create a New Java Policy File

## Install Java Plug-In

Because the Java applet is required for the ELAP GUI to operate, perform the following procedure to install the Java plug-in after you complete the ELAP configuration.

**NOTE: The selected browser must be the only browser open on your PC when you modify or create the Java policy file, or else the change will not take effect.**

1. Using the selected browser (Internet Explorer 5.0 or later or Mozilla Firefox 1.0.2 or later), enter the IP address for your ELAP A machine. You will see the login screen.
2. Attempt to log in to the ELAP User Interface screen. If using Firefox, you will encounter the following message when logging into the ELAP GUI:

```
The User Interface may not function correctly with the browser you are using. Microsoft Internet
Explorer, version 5 and later, has been certified for this application
```

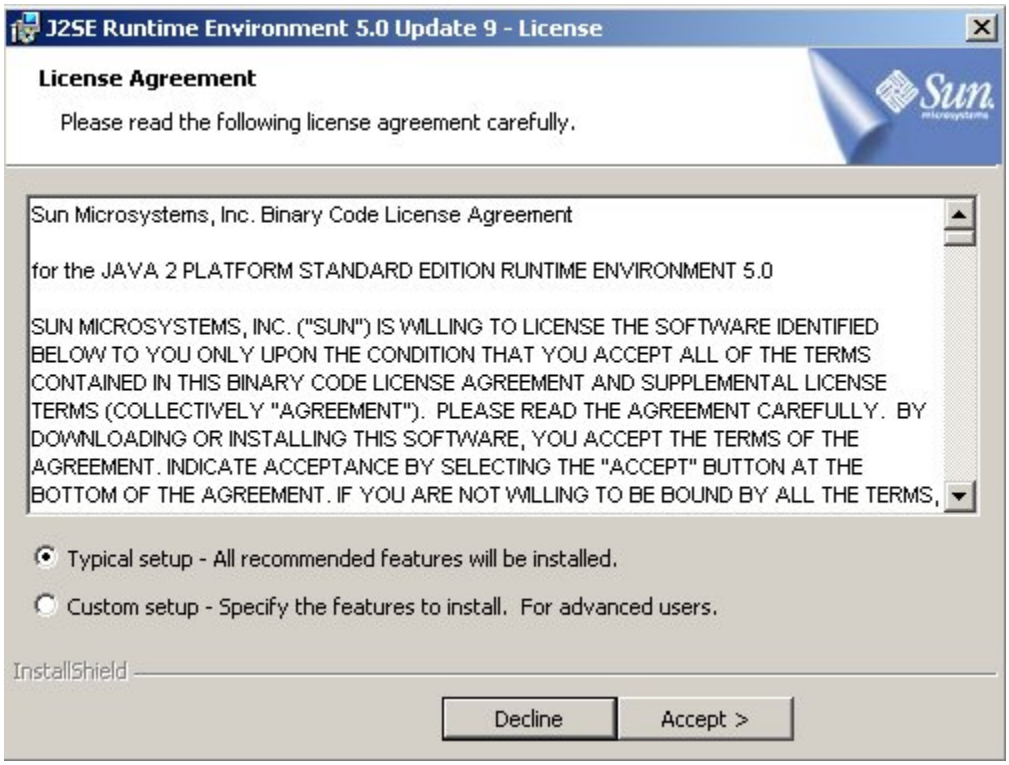
When you have successfully entered the Username and Password, the login process checks for the required Java plug-in. When it finds the Java 1.5 plug-in not present (but you had a previous version of Java installed), the system displays a Security Warning window.

**Figure 1-1.** Security Warning Window

3. Click the **Install** button to begin the process of loading the Java plug-in.

4. Next, the Java installation presents a License Aagreement screen.

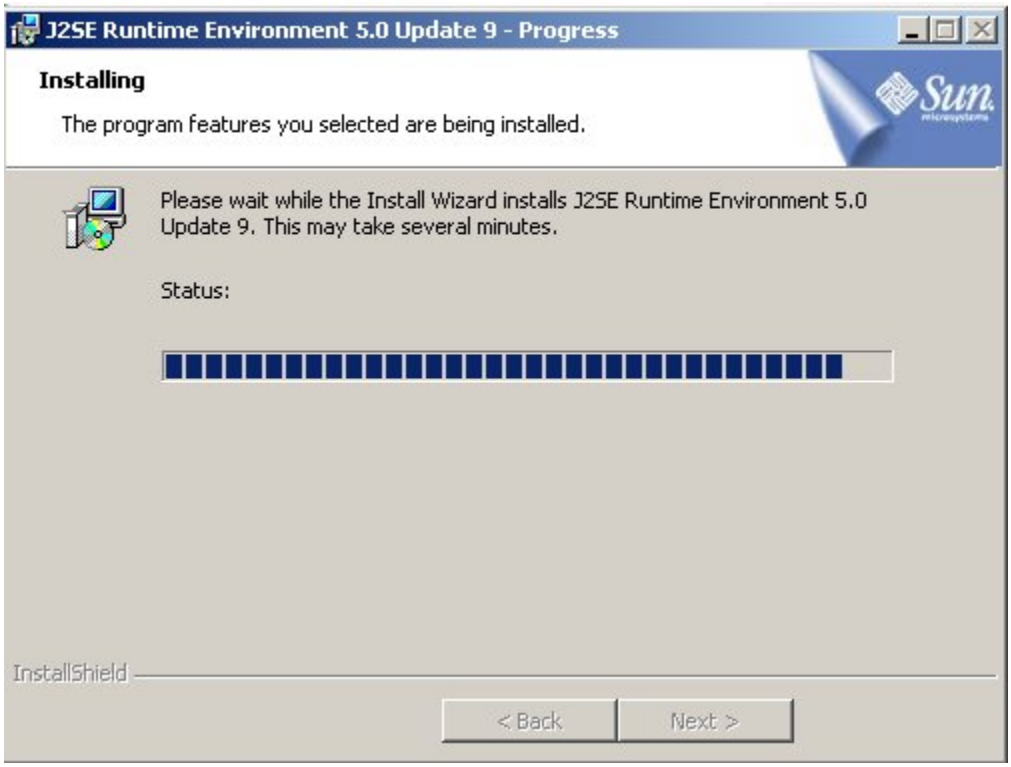
**Figure 1-2.** License Agreement




5. Ensure that the **Typical Setup** radio button is selected, and click the **Accept** button to accept the Sun Microsystems agreement.

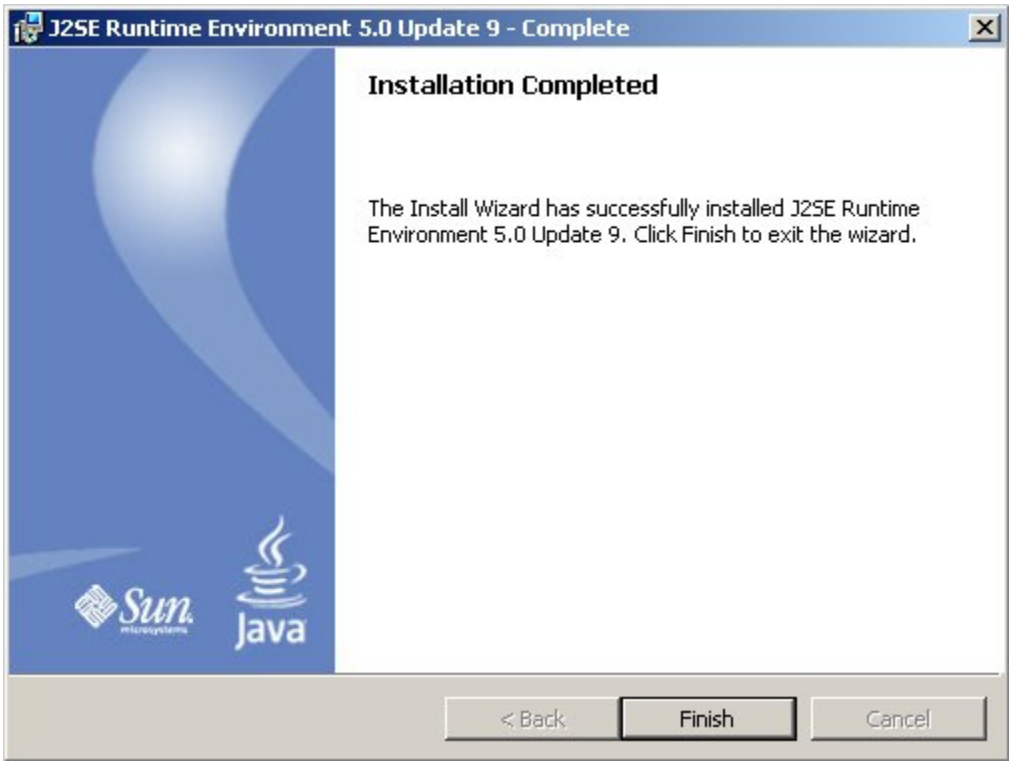
6. The installation process starts, and a progress window appears.

**Figure 1-3.** Java Installation Progress Window




7. When the installation is complete, the Installation Complete window appears.

**Figure 1-4.** Java Installation Complete Window




8. The installation is complete. Click the **Finish** button. You return to the browser screen containing the ELAP login screen.

## Install Java Policy File

The banner applet makes a network connection to each MPS side. A Java policy file must exist for the banner applet to connect properly. If the Java policy file is not present, you will receive a Violation status ( VIOL) for the machine.

**NOTE: The selected browser must be the only browser open on your PC when you modify or create the Java policy file, or else the change does not take effect.**

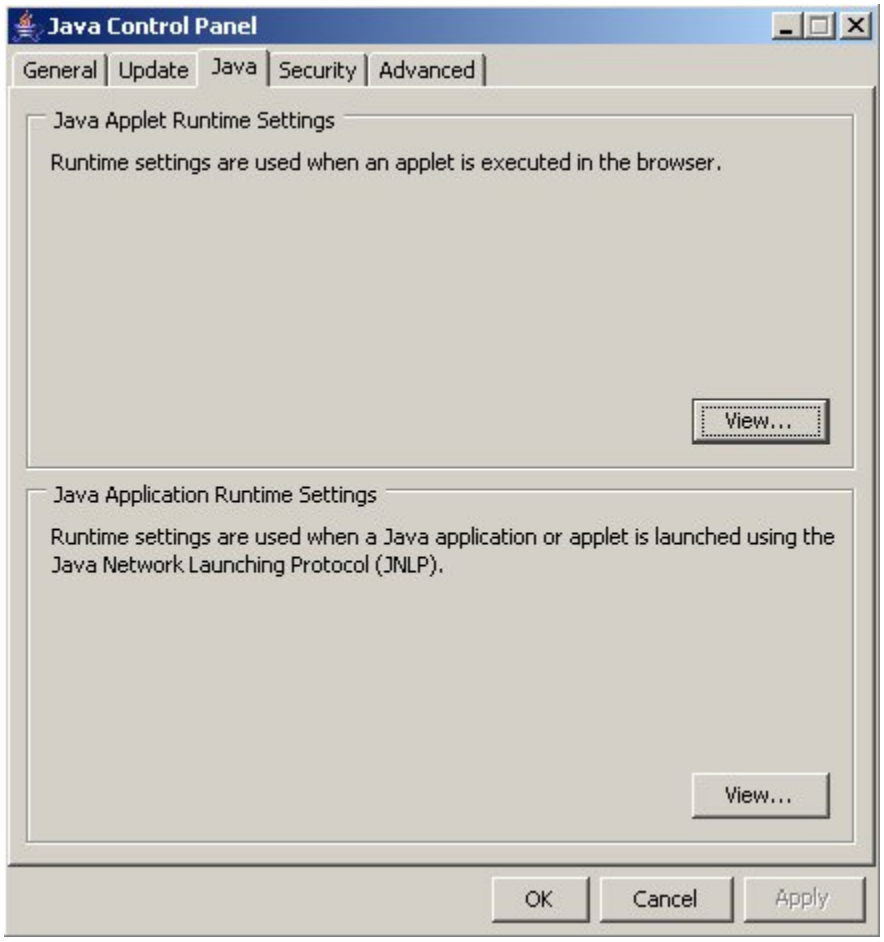
## Add Security Parameters to an Existing Java Policy File

To check to see if a Java policy file is already in place, perform the following actions:

1. From the Windows **Start** menu, select **Control Panel**.

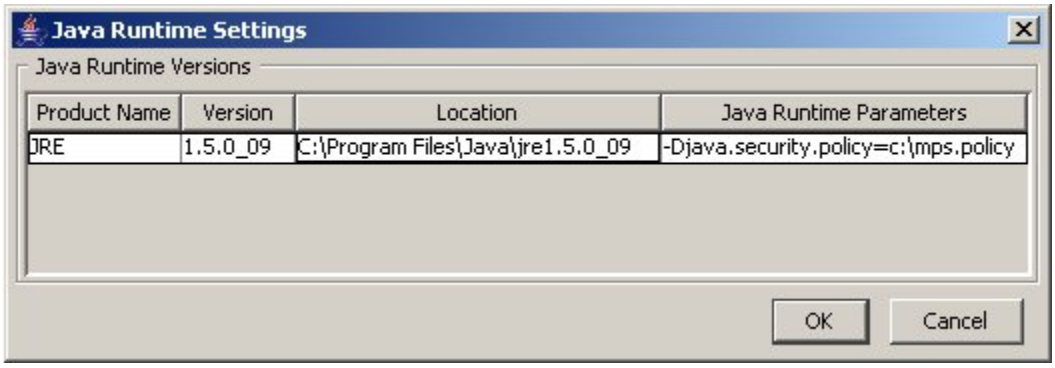
2. Select the **Java Control Panel**. When the **Java Control Panel** appears, click the **Java** tab.

**Figure 1-5.** Java Control Panel, Java Tab




3. Click **View** in the **Java Applet Runtime Settings** pane. The Java Runtime Settings dialog box appears.

**Figure 1-6.** Java Runtime Settings Dialog Box




4. Adjust the width of the columns until you can read the contents of the Java Runtime Parameters column (at the far right).
5. Open the policy file indicated in the Java Runtime Parameters column, and insert the following text.

```
grant {
  permission java.net.SocketPermission "*:8473", "connect";
};
```

## Create a New Java Policy File

To create a Java policy file:

1. Insert the following text into a file accessible by the workstation:

```
grant {
  permission java.net.SocketPermission "*:8473", "connect";
};
```

2. Follow steps 2 through 4 in the procedure described in Add Security Parameters to an Existing Java Policy File .
3. In the Java Runtime Parameters column for Java version 1.5, type the path to the file you created in step 1 of this procedure. An example path is shown below.

```
-Djava.security.policy={full_path_to_file}
```

## Hardware Requirements

There are no additional hardware requirements for this feature.

## Limitations

There are no limitations identified for this feature.

## Alarms

There are no alarms identified for this feature.

## Related Publications

For information about additional publications that are related to this document, refer to the *Related Publications* document. The *Related Publications* document is published as a part of the *Release Documentation* and is also published as a separate document on the Tekelec Customer Support Site.

## Locate Product Documentation on the Customer Support Site

To view or download product documentation, log into the Tekelec Customer Support site at:

https://support.tekelec.com/index.asp

**1.** Log in with your user name and password. (Click on “Need an Account?” if you need to register).
**2.** Select EAGLE from the Product Support menu.
**3.** Select the release number from the Release menu.
**4.** Locate the Notices section to view the latest Feature Notice.
**5.** Locate the Manuals section to view all manuals applicable to this release.

The documentation is listed in alphabetical order by the manual name. Only the first three manuals display. Click **more…** to see the remaining manuals.

6. Locate the latest revision of the manual name.

   Confirm the release number and last available revision.

   Select the 936-xxxx-x01 part number to download the complete documentation set with all linked files.

   **NOTE: The electronic file for this part number is quite large.**

7. To view a manual, double-click the manual name.
8. To download a manual, right-click and select Save Target As.

   **NOTE: Customers may print a reasonable number of each manual for their own use.**

## Customer Training

Tekelec offers a variety of technical training courses designed to provide the knowledge and experience required to properly provision, administer, operate, and maintain the EAGLE 5 ISS. To enroll in any of the courses or for schedule information, contact the Tekelec Training Center at (919) 460-3064 or E-mail **eagletrain@tekelec.com**.

A complete list and schedule of open enrollment can be found at **www.tekelec.com**.

## Customer Care Center

The Tekelec Customer Care Center offers a point of contact for product and service support through highly trained engineers or service personnel. The Tekelec Customer Care Center is available 24 hours a day, 7 days a week at the following locations:

- Tekelec, USA

  Phone:

  +1 888 367 8552 (US and Canada only)

  +1 919 460 2150 (international)

  Email: *support@tekelec.com*

- Tekelec, Europe

  Phone: +44 1784 467804

  Email:*ecsc@tekelec.com*

When a call is received, a Customer Service Report (CSR) is issued to record the request for service. Each CSR includes an individual tracking number.

Once a CSR is issued, the Customer Care Center determines the classification of the trouble. If a critical problem exists, emergency procedures are initiated. If the problem is not critical, information regarding the serial number of the system, COMMON Language Location Identifier (CLLI), initial problem symptoms (includes outputs and messages) is recorded. A primary Customer Care Center engineer is also assigned to work on the CSR and provide a solution to the problem. The CSR is closed when the problem is resolved.

## Emergency Response

In the event of a critical service situation, emergency response is offered by Tekelec Technical Services twenty-four hours a day, seven days a week. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with an EAGLE 5 ISS that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical problems affect service and/or system operation resulting in:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Tekelec Technical Services.

# Glossary

## C

| | |
|---|---|
| CLLI | Common Language Location Identifier |
| CSR | Customer Service Request |

## G

| | |
|---|---|
| GUI | Graphical User Interface |

## I

| | |
|---|---|
| IP | Intelligent Peripheral |
| IP | Internet Protocol |
| $IP^7$ | Tekelec's Internet Protocol to SS7 Interface |
| ISS | Integrated Signaling System |

## M

| | |
|---|---|
| MPS | Multi-Purpose Server |

## P

| | |
|---|---|
| PC | Point Code. |