

# Inet\_Security Function

## Description

The function that is called by **OECGL.EXE** before it calls any Internet procedure specified in the HTTP-request.

**Note:** *OpenInsight ships with the source code of this function, as a stored procedure in SYSPROG.*

## Syntax

*return* = **Inet\_Security** (*Request*, *InetProcName*)

## Parameters

The Inet\_Security function has the following parameters:

Parameters	Description
Request	[in] HTTP-request
InetProcName	[in] Name of Internet procedure that is about to be called

## Returns

An empty string to allow the call or valid HTML script with an error message; this message is immediately passed back to the client.

## See also

[Inet\\_Msg\(\)](#), [Inet\\_QueryParam\(\)](#), [Inet\\_Repos\(\)](#), [Inet\\_Rlist\(\)](#), [Inet\\_Trace\(\)](#)

## Example

To restrict running Inet\_ procedures to the SALES user, do the following:

- Log into the **SYSPROG** account.
- The **Inet\_Security()** function source, found in **SYSPROCS**, by default, cannot be edited. To turn on editing, edit the **SYSPROCNames** row in the **SYSENV** table. This row contains the names of system procedures. Find the entry for **INET\_SECURITY**, delete it, and save the row.
- Log out of OpenInsight.
- Log back into the **SYSPROG** account. The **INET\_SECURITY** source can now be edited. Modify the source as shown below, with modifications in bold:

## Example

```

function INET_Security(Request, FnName)
*****
* Project      : OpenInsight for Internet
*
* Name         : INET_Security
* Description: Security check point for a request
*
* Parameters:
*      Request  [in/out] -- HTTP request (see INET_EQUATES)
*      FnName   [in/out] -- name of a function that is
*                          about to be executed (starts with
*                          INET_)
*      returns  [out]    -- empty string to allow request or
*                          message in html format to stop the
*                          request
*                          and pass it back to a client
*
* Note:
*      Parameters "Request" and "Function" are passed by
*      reference which makes it possible to change the function
*      name and/or request parameters on a fly by intelligent
*      security procedure
*****
$insert Logical
$insert Inet_Equates
declare subroutine Send_Event
HtmlMessage = '' ;* assume success
* put your authorization check code here
*
if @username <> 'SALES' then
    HTMLMessage = "<B>You are not authorized to run " : FnName
end else
    HtmlMessage = ''
end

* if authorization failed -- log the failure
if len(HtmlMessage) then
Send_Event(GS_MONITOR$, 'OMNIEVENT', 'OUTCOMING', 'Authorization failed')
end
return HtmlMessage

```

After you compile the changed program, only the SALES user can run Internet procedures.