

# **CrossTec EMS Linux Client**

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## **Pre-Requisites**

### **Supported Distribution Versions**

CrossTec EMS Linux client supports at the time of release, SuSE, Red Hat Enterprise and Fedora distributions.

Supported Distribution Versions:

- Red Hat 9
- Red Hat Enterprise
- SuSE 9.x, 10.x
- Fedora Core 4, 5, 6

### **System Requirements**

The client needs libstdc++ 4, gtk+ 2 and glade 2 to be installed. These are included in standard installations of the distributions mentioned above. On Fedora and Red Hat if libstdc++ 4 is not installed then the installer will attempt to download and install them using yum.

Hardware: Pentium 133

Storage: 10 MB free space required.

## Installation

A CrossTec EMS Client can be installed on Linux platforms, enabling EMS Console Operators to manage Linux Clients using a variety of EMS features.

### Installing on a SuSE distribution

1. Download to a directory on the Linux machine.
2. Extract the TAR BALL.
3. Open a Terminal window and navigate to the extracted files.
4. Login as a Root User.
5. To execute installation enter `./install xxx.xxx.xxx.xxx` (enter the IP Address for the EMS Server).
6. In order for the EMS Client to start you are advised to reboot the machine.
7. CrossTec EMS Client will now install on the Linux Client.

### Installing on Redhat and Fedora distribution

1. Download to a directory on the Linux machine.
2. Extract the TAR BALL.
3. Open a Terminal window and navigate to the extracted files.
4. Login as a Root User.
5. To execute installation enter `./install xxx.xxx.xxx.xxx` (enter the IP Address for the EMS Server).
6. In order for the EMS Client to start you are advised to reboot the machine.
7. Once the installation is complete, right click on the Menu Bar.
8. Select `{Add to Panel}{Utility}{EMSClientApplet}`.
9. The Client icon will now appear on the Menu Bar.

### Deploy from Windows PC

A command line deploy utility can be downloaded from our website to allow a Linux Client to be deployed from a Windows based PC.

**Note:** To deploy the Client the Secure Shell (SSH) needs to be enabled. If there is a Firewall running then Port 22 will need to be configured to allow the deployment to be successful.

1. Download the `emsclientinstall.zip` file which is available from our downloads area [www.crossteccorp.com](http://www.crossteccorp.com)
2. Extract the file using winzip if required, and save the files to a directory.
3. Open the Command Window and navigate to the location of the extracted files.
4. To execute the installation enter `Deploy xxx.xxx.xxx.xxx` (enter the IP Address of the machine where the Client is to be installed) `Root` (the superuser user name) `testing` (the superuser password) `xxx.xxx.xxx.xxx` (enter the IP Address for the EMS server) `Reboot` (this is optional only enter if you want to force a reboot straight away). For Example, **Deploy 10.0.0.106 Root testing 10.0.0.29 reboot**
5. The installation will run. If you have not forced a reboot, the Client will start the next time the system is rebooted.

## Uninstall

1. Open the Terminal window.
2. Navigate to the installation directory of EMS Client, the default location is /usr/dna.
3. Login as a Root user.
4. Execute `uninstall ./uninstall`.

For Redhat and Fedora distributions you will need to manually remove the Client icon. Right click on the Menu Bar and select Remove from Panel.

## Supported Functions

The following CrossTec EMS functions are currently supported.



### Hardware Inventory

Enables you to view Hardware information on Company, Department or individual level, EMS provides quick and easy summaries by category.



### Software Inventory

Provides a detailed summary of all applications detected on a target PC.



### Client Icon

Allows Clients to amend their details at any time.



### User Details

Records user and asset information for each Client you have the ability to customise the data to be gathered and collated from each user.



### Chat

CrossTec EMS enables you to 'Chat' to any number of connected Clients simultaneously via a scrolling text window.



### Message

Broadcast a message to an individual Client, a Group of Clients or all Clients on the Network.



### Client Status

Enables you to check that all Client PCs are powered on.



### Remote Control

CrossTec Remote offers advanced functionality for the effective management of remote workstations. Watch, Share or Control the screen, mouse & keyboard of target PCs irrespective of O/S & network protocol.

**Note:** Only available in EMS Packs 3 and 6.

## Contacting CrossTec

If you have any comments regarding the design, installation, configuration, or operation of this package please contact us.

### **US & International**

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