



Rangee TCMS



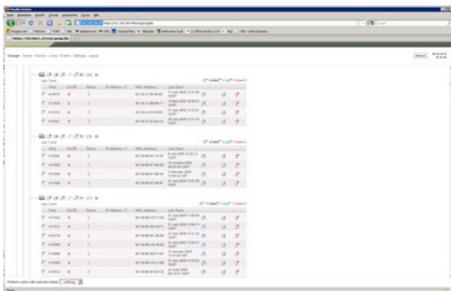
1 GHz Processor	512 MB RAM	256 MB Flash
6 x USB 2.0	DVI-D VGA	external power adapter
Rangee Linux	Dual- monitor	Audio-In Audio-Out

TCMS Thin Client Management Server

The TCMS - The server to configure and administer all Rangee Thin Clients and that even from remote locations.

Administering Rangee Thin Clients centrally is really easy! You don't even have to install software. The Rangee Remote Management Solution is installed on a special ThinClient, the TCMS. It controls all Rangee Thin Clients and PC-Sticks in the network centrally! The TCMS can be reached by each workstation via a local web-browser and it is not attached to a special PC. Individual users can be allocated administration rights and more than one administrator can use the TCMS.

System Groups can be defined in the TCMS, updates can be done, connection-settings can be distributed and even complete client-configurations can be sent to other Thin Clients.



One model

	Processor	RAM	Flash/DOM Memory	Operating-system	Software-Modules	Price
TCMS*	VIA 1 GHz	512MB DDR2	512MB	Rangee Linux TCMS	-	499,00€ excl. VAT. 593,81€ incl. VAT.

* There is also an image of the TCMS for a virtual machine available.



Technical specifications

The TCMS appliance

Instead of write the TCMS software on cd and of causing additional effort, Rangee delivers the complete system preinstalled on a high-performance Thin Client hardware. If desired there will be also a 19" solution offered. Rangee customers get to know the facility of administration already with the installation: unpack, set basis configuration and get started.

Initiate and spread configuration

This task takes place in three steps:

1. The memberclient of a group will become a testclient and can be configured. It do not loose the configuration by doing a reboot.
2. When it all works to complete satisfaction this Thin Client will become a masterclient and sends its configuration to the group when rebooting.
3. All memberclients of this group which will reboot after that get the configuration. All actions are time-controlled realizable and can also be realized unguarded by night.

Time-controll of actions

There are a number of actions which can be time-controlled automated. Available are three modes:

- immediately
- one-time at a specific time (date, time)
- recurrently after a specific number of hours

In the action overview you can get a survey of the actions which are scheduled for what time they are scheduled and which actions are finished successful.

100 % WAN-compatibility

The Rangee TCMS is 100 % WAN compatible. The TCMS is capable of administrating distant locations if only one client at this location is reachable. Actions like Wake-on-LAN (WOL) or shut down can be done automate and time-controlled. By the disconnection of the updater server (FTP or HTTP) and the management server (TCMS) a firmware update have to transmitted to the distant network over a WAN line only once. Hundrets of clients in distant networks can be updated on this way without loading the WAN connection.

The data management

The TCMS saves the information in a SQL database. Including configuraion setting and configuration files. Firmware- and software updates will be provide separate on a FTP or HTTP server. The data management happens local on a flash from the TCMS. By using a central database for all administrators at any locations data integrity and data freshness is always ensured. Data security will be enabled by a backup function with what you can save the database on a network drive regular. By an exchange or update of the TCMS the present database will be available in next to no time.

Multi-dimensional transmission function

Rangee differenced two transmission functions:

- group transmission
- device transmission

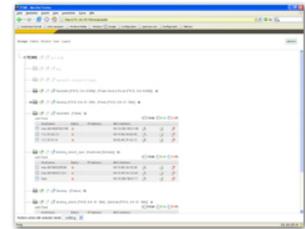
With the group transmission three attributes can be transmit from a head group to a sub group: user, software and connection settings. For this transmission information there are three options: no transmission, tested transmission and automate transmission. The device transmission makes it possible to overwrite the settings from the group configuration with individual settings.

Administrator profiles

The Rangee TCMS offers a multi-user function, what makes it possible to assign different administrators to different access rights. The number of administrators is not limited. The administrator profiles will be surrender over a master configuration to the TCMS and will be transmit to the sub group automatically. When shifting a group the transmitted administrators will be remove.

Access rights

Every user whose profile has been saved in a group configuration on the TCMS may access. Thereby the view of the TCMS surface will be adapt to the access rights of the administrator. So it will be avoid, that administrators do operations in groups for which they do not have access rights.



TCMS group view



configuration Thin Client



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