



ENGAGE RCP Connector

The Engage Remote Command Processor (RCP) Connector is a specialist Engage Connector that allows an Engage Plan to interact with operating systems on remote servers.

To further enhance the business process and data integration abilities of Engage, DBFS have developed a connector that is able to launch and monitor processes on remote servers or workstations.

Conventional Engage connectors, and traditional connectivity solutions marketed by other Vendors are only able to exchange data with a remote file system or application. This exchange is restricted to commands and processes supported by the serving file system (e.g. directory listings, file transfers) or serving application (e.g. execute SQL statements). In contrast, the RCP connector connects to the remote operating system, and therefore is able to create and manage processes on that remote operating system. The RCP daemon can launch and manage any command which can be interpreted and for which it is permissioned by the host operating system. Once launched, Engage automatically monitors the remote session and once it is completed returns results, process status and log files back to Engage.

The RCP connector deploys a Java-based daemon, and communications between the Engage server and the daemon are via a 1024bit encrypted SSL channel*. Any number of files can be securely exchanged between the server and the daemon before the command is executed, and after it has completed.

COMMON USES

The RCP connector is an extremely powerful tool which, when coupled with the other features of Engage, allows integration of applications and business processes across applications which are not easily automated.

Typical uses of the RCP Connector are:

- **Remote Scripting:** Used as part of an Engage plan, the RCP connector is able to send a number of parameter/data files along with a script file to the remote computer and then execute a command. Any files which are created during the process are returned to the Engage environment, and are available for further processing. In this way remote applications can be launched with command line parameters which are defined at runtime, or scripts can be used to simulate keystrokes and/or scrape screens.
- **Administration:** Systems administrators can use the RCP and Engage plans to co-ordinate and automate administrative processes such as backups, applications upgrades, file system management etc. from a single point.
- **Customised:** The RCP can be used in creative ways:
 - enabling "verified" FTP
 - remote process monitoring (at kernel level)
 - load balancing for slave processes

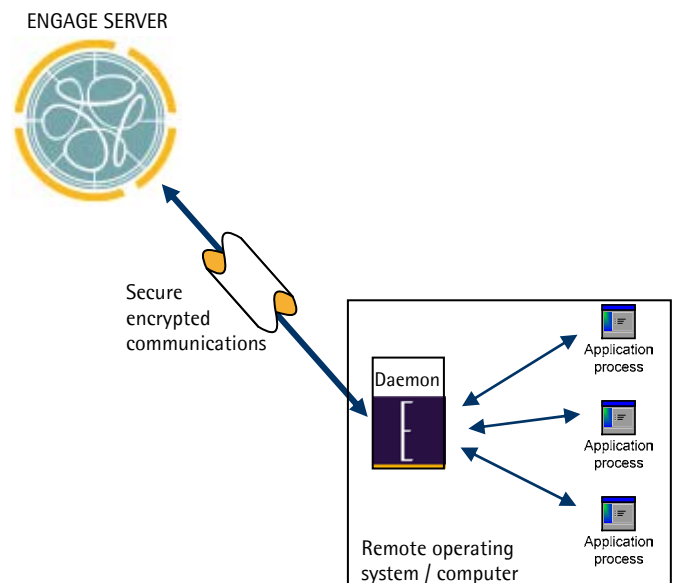


Diagram: RCP Schematic.

Please contact DBFS for the other ENGAGE information sheets about Manipulation Scripts, Advanced Features and MIS Modules.

* Standard Encryption: using java™ libraries provided 1024bit DSA key using a SHA1withDSA signature algorithm –other variants can be produced on request.