



1 Forstmann Court
Clifton, NJ 07011
Phone: 973.772.6997
Fax: 973.772.0747
800.359.8561
info@commdevices.com
<http://www.commdevices.com>

DDM-SQL NOC CENTER SCALABILITY

The software used to manage CDI remote devices from the NOC comes in two parts, DDM and SSM. Both access the DDM database on an SQL server. These two parts will always come bundled together.

DDM (Distributed Database Manager): is an MS/Windows program, running on a network PC and is the security officer's tool to create and modify remote devices, client devices, and users in the DDM database.

SSM (Secure Session Manager): is an MS/Windows program, running on a network PC and is the operations staff's tool for accessing remote devices via the DDM database. The SSM only provides a list of available remote devices to the operations personnel who are then allowed to connect to, or "reset", remote devices. The SSM does not allow operations staff access to any security credential for users, client devices, or remote devices.

Scalability: In order to scale the configuration of DDM & SSM, CDI uses two separate types of licenses. These licenses provide scalability and are one time purchases which are owned by the customer. Customers can make as many copies of DDM or SSM as they like. The following Seat License will define how many users are allowed access to the database at any given time.

Device License (DL): a device license is a file loaded into the DDM database which allows a remote device, or client device, to be entered into the DDM database for management. This ties the hardware to the database and allows scalability for remote sites.

Seat License (SL): a seat license is a file loaded into the DDM SQL database which allows a NOC user access to the DDM SQL database whether using DDM or SSM to access the database. (the existing network security system will provide database permission to the user). This provides scalability at the NOC center for simultaneous access to the DDM database. The number of seat licenses should be determined by the number of "simultaneous access" that is required to the DDM SQL database. DDM/SSM is delivered with one SL embedded.

An example would be ten NOC technicians on duty at any given time should require ten Seat Licenses if they all want simultaneous access. Another example might be five UniGuard Client devices at the NOC would call for five Seat Licenses to access those devices simultaneously. The Seat License is only tied to the database and does not restrain the amount of DDM or SSM clients installed. It only restrains the number of simultaneous user access to the database (DDM or SSM).