CCIR System Requirements

Note

CCIR is included for third-party products to enable and maintain the existing integration. Contact the respective service providers for any questions about interoperability on third-party products. Contact Mitel Advanced Application team for issues related only to CCIR or CCIV. Mitel Technical Assistance Center (TAC) does not support on issues related to CCIR, CCIV or third-party products.

The amount of time it takes to upgrade a large CCIR database is dependent on the performance of the server. Consider the database size and the processor performance of your hardware configuration when planning a CCIR upgrade or conversion.

System Requirements for a CCIR Deployment

For CCIR systems, the recommended hardware, which is newer model Xeon processor and 10,000 rpm HD, or virtualized sizing appears in the following table:

System Size	Million Number of Records	Call Load Per System	Cores Per VM	RAM per VM	Disk Size (10k RPM disk)
Small	< 100	7,500	2	4 GB	Refer to Disk Size Calculation
Medium	100-200	15,000	4	8 GB	Refer to Disk Size Calculation
Large	> 200	10,000	4	8 GB	Refer to Disk Size Calculation

Disk Size Calculation

Retention Time (days) x Avg. Number of Calls per day x 60 records per call. For example, 730 (2 years) x 60,000 x 60 = 2,628,000,000 records. On average, one record is approximately 350 bytes, which equals 919,800,000,000 bytes or approximately 860GB.

In addition to the required disk space for the data, consider upgrade space, which is twice the database size. If the same disk is used for CCIR backups, also consider backup space.

CCIR System Requirements for Large Databases

The amount of time it takes to upgrade a large CCIR database is dependent on the performance of the server. Consider the database size and the processor performance of your hardware configuration when planning a CCIR upgrade or conversion.

Note

The hard drive disk capacity of the server must be greater than twice the database size.

For example, an internal Mitel upgrade of a CCIR database with more than 235 million records required a virtual machine with the following configuration.

- 2 CPUs
- 4GB RAM
- Intel® Xeon® Processor E5630
- 10,000 rpm SCSI HD

For information about DVS server support and installation, refer to the *Mitel Connect Planning and Installation Guide*.