

ESS (Client Hosted) – Technical Specifications

Mediaocean Professional Services
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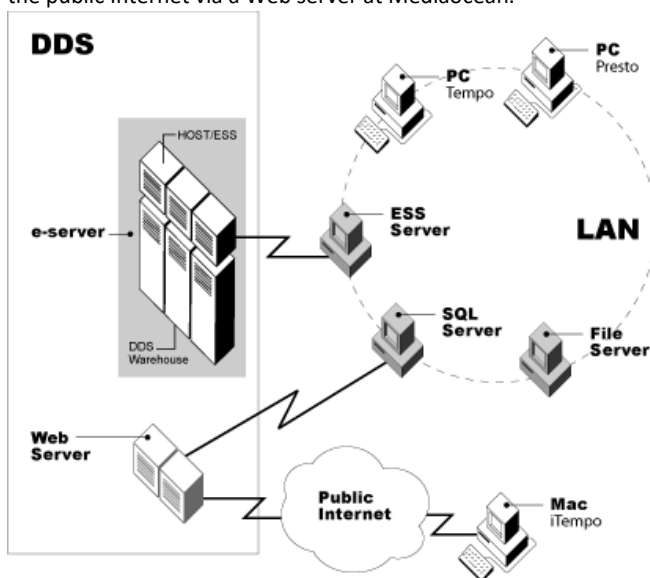
Technical Notes: Mediaocean client-server products require use of SQL and ESS servers for data storage and communications, respectively. For new installations these servers are hosted at Mediaocean. In some cases existing installations ESS and SQL servers are hosted at the client's site; this briefing describes requirements for those environments.

General Requirements

Mediaocean client-server applications running on user workstations require access to two shared LAN-based software packages:

- ESS, a Mediaocean-written communications, control and security package
- A database server, to store data so it can be used by the client server applications

The following diagram shows an installation of Presto, Tempo, and iTempo (the Mac version of Tempo). The two connections shown below from Mediaocean (to the ESS and SQL servers) share a single physical WAN connection. iTempo accesses SQL servers over the public Internet via a Web server at Mediaocean.



What is ESS?

ESS is software created by Mediaocean to perform distributed computing tasks and e-server-to-LAN data transfer. It is used to support Mediaocean client-server applications (such as Tempo or Presto). It can also be used "standalone" to support file transfer from the e-server with the Mediaocean RDR application.

Server Requirements

ESS and database servers require use of dedicated PCs running Windows 2003 with the most recent service packs from Microsoft. The ESS server manages communications with the e-server. This should be a Pentium PC, at minimum a 550 meg processor with 256 meg of RAM. It supports both LU2 and LU 6.2 communications between ESS and the e-server. This requires the installation of Microsoft's Host Integration Server.

The database server runs Microsoft SQL Server (TM). This server should be sized (or capable of expansion) to handle the number of potential transactions and users. A multi-processor-capable Pentium server is the logical choice. Mediaocean applications are compatible with SQL Server 2003.

Network Operating System (NOS)

Client applications are generally installed on an existing application server running Windows 2003 Server. Applications require IP protocol. Mediaocean client-server products are not supported in any other LAN environments.

Remote Support via NetSupport

The ESS package includes the NetSupport (TM) utility, allowing Mediaocean technical staff to monitor operation of the ESS server remotely and providing clients with a way to audit this monitoring activity. This capability is solely for use in providing Mediaocean applications support.

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