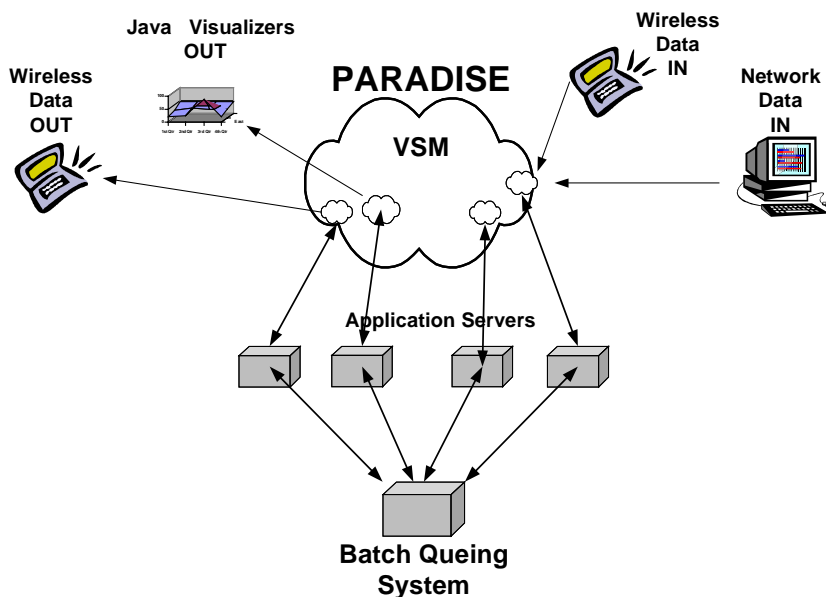


# Paradise® for Batch Queuing Systems

## Better Communication Capabilities for Batch Queuing Systems

Batch queuing systems enable computer cluster users to submit jobs without intervention (in "batch" mode). Paradise's Virtual Shared Memory (VSM) – an advanced form of Distributed Shared Memory - enhances batch queuing systems such as Platform - LSF and PBS, the Portable Batch System, to permit different applications on a network, such as a database management system and a financial modeling application, to communicate and share data. The result is a sophisticated enterprise solution - a "super application."

In the illustration below, a server, running an application initiated by the batch queuing system, can get required input data from a Paradise VSM that has received it from anonymous data sources (such as a wireless terminal). The cluster computers can also put results into the Paradise VSM as they are computed or on a periodic basis and then sent to users. A separate independent visualization application (for example, written in Java) can display graphic results from the virtual shared memory without requiring access privileges to the server itself. Using Paradise makes it significantly easier for sophisticated applications to share, synchronize and exchange information.



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