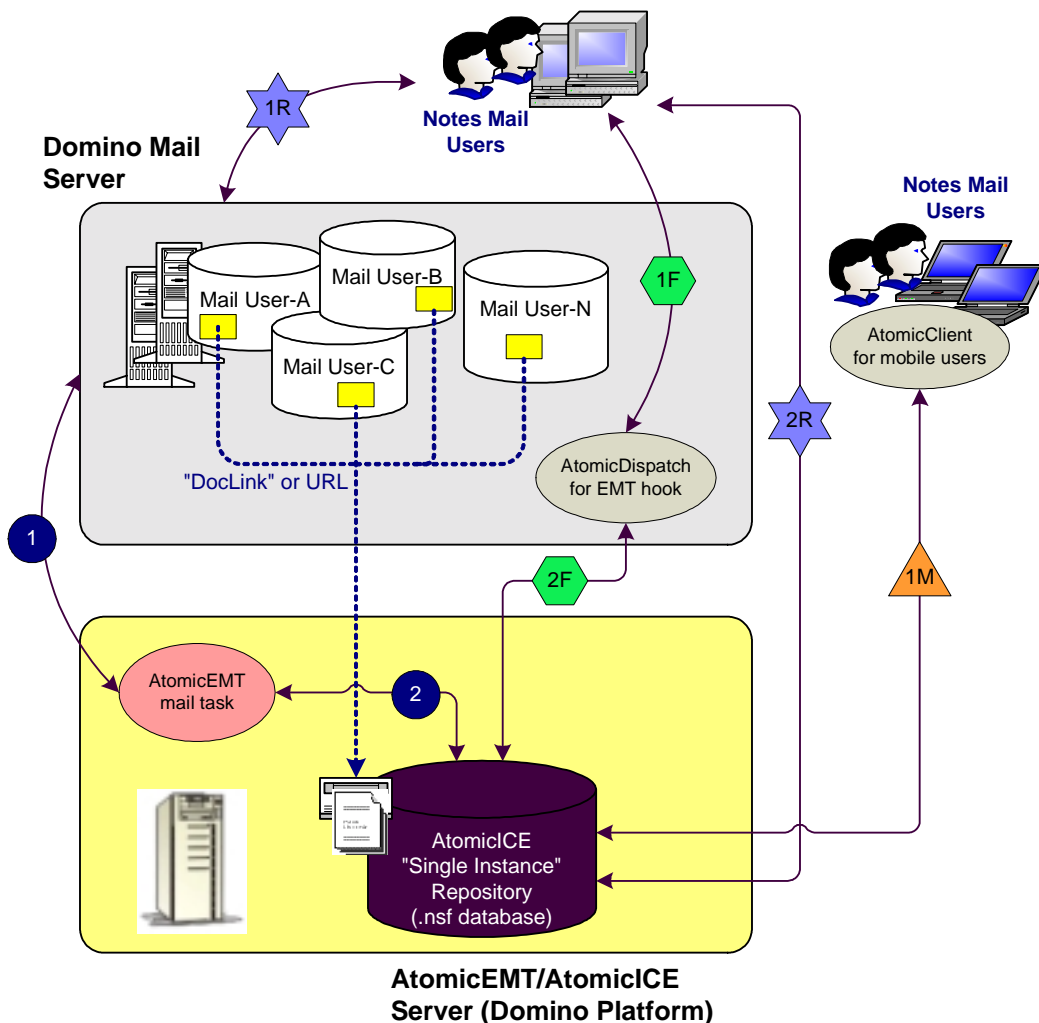


Use AtomicEMT™ for Domino to immediately reclaim existing mail storage and reduce ongoing mail file sizes to eliminate mail quota

*Reduce mail file sizes up to 80 percent and total mail storage up to 40 percent*

### THE PROBLEM:

The typical Domino email organization is experiencing tremendous growth ranging from 35% to 100% in the size of end-user mail files. IT management routinely forecasts need for 50% or more increase in mail storage to accommodate this growth. As a result medium to large enterprises are oftentimes left with multiples of, or several tens of, terabytes of mail archive. In addition they need to manage ongoing mail file sizes, where a common approach to controlling this growth is to institute a quota on the size of individual mail files. Enforcing the quota is very time-consuming for IT, politically challenging, and invariably results in many groups and individuals claiming exemption from the burden. Moreover employees spend at least 1-2 hours per week just managing their mail files when under a quota system according to IDC Research.



## THE SOLUTION:

The AtomicEMT not only reduces existing Domino mail archive by eliminating duplicate email attachments, but also keeps each mail file size small while allowing user transparent mail forwarding and mobile user replication support.

## HOW IT WORKS:

AtomicEMT removes the attachments from e-mail, replacing it with a link and store the complete message in the Atomic "single instance" repository. (*Steps (1) and (2) in the above diagram*) As AtomicEMT progresses through individual's e-mail database, common e-mail – those with multiple recipients – will be linked to single store in the central repository, resulting in a reduction of overall disk space consumption. AtomicEMT provides substantial mail file size reduction – often up to 80%. Running AtomicEMT against existing mail archive often reclaim up to 40 percent of total mail storage space to result in immediate savings. In fact the mail file size reduction is so dramatic that customers of AtomicEMT may eliminate mail quota.

Retrieving AtomicEMT processed mail is straightforward. When a mail user retrieves an AtomicEMT-processed mail, the user sees a *document-link* or *URL-link* instead of the actual document. When the user clicks on the *document-link* or *URL-link*, the AtomicICE "single instance" repository server immediately resolves the retrieval request and returns the original mail message with attachment. (*Steps <1R> and <2R> in the above diagram*)

Exivity's solution supports transparent replying, or forwarding, of AtomicEMT-processed mail messages that do not require any additional effort or change of user behavior. When a user wants to reply or forward an EMT-processed mail message, the user sends the mail reply or forward request to the Domino Mail server as usual. The *AtomicDispatch* for EMT extension manager hook pre-installed in the Domino mail server intercepts this request, and gets the original attachment from the *AtomicICE* server. It then replaces the *document-link* or *URL-link* by the original attachment, and lets the mail server deliver the message with the original attachment in a user transparent manner. (*Step [1F] and [2F] in the above diagram*)

For mail users that need to replicate their email into their notebook PC's, Exivity provides a client program, *AtomicClient* for mobile users that transparently restores original attachments in the email during their mail replication session. The *AtomicClient* coordinates between the Domino mail server and Exivity's AtomicICE server to restore the original attachment in the AtomicEMT-processed mail messages. (*Step [1M] in the above diagram*)

## LEVERAGE EXISTING DOMINO INFRASTRUCTURE

Atomic EMT, a 100% Domino-based solution, easily integrates with all Domino mail environments. Additional hardware requirements are minimal, depending on the size of the organization. And the solution is built to function as an extension of the Domino mail system, allowing for ease of administration and minimal additional overhead.

## PROVEN END-USER ACCEPTANCE

End-users require little or no training in order to adapt to use of the system. Atomic EMT leaves all text in place in processed messages, removing only the attachments and replacing them with a doc-link. Domino mail users are only one click away from attachments and are kept within a familiar Domino mail context. Many Exivity customers choose to initially process only mail older than 30 or 60 days, thereby further minimizing the impact on end-users, while achieving significant mail reduction.



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