

ZL Technologies Unified Archive Fully Deployed at Komatsu by TSB and QUALICA

By ZL Technologies, Inc.

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Komatsu strengthens email compliance and establishes an internal governance system by archiving and managing all external e-mails for 10,000 employees.

San Jose, Ca - IT Holdings Group's, QUALICA Inc., ("QUALICA"; Headquarters: Tokyo) and TIS Business Solutions Co., Inc. ("TSB"; Headquarters: Tokyo) have deployed the ZL Unified Archive (ZL UA), ZL Technologies' e-mail archiving solution, at Komatsu Ltd., the largest construction and mining machinery manufacturer in Japan and the second largest in the world. QUALICA was instrumental in creating the infrastructure and operations while TSB controlled the application building and integration.

In the business world today, e-mail is widely used for many tasks including information exchange, task confirmation and decision making. Previously, Komatsu had been performing back-ups of their e-mail for disaster recovery and records management; however, Komatsu chose to implement an e-mail archiving solution to establish internal governance, risk and compliance procedures and promote continued efforts for improved management transparency and soundness.

Komatsu's deployment objective was centered on data loss prevention to stop information leakage. Since certain departments handled confidential information, compliance measures were required to protect against leakage via outbound e-mail.

Komatsu evaluated and selected ZL Unified Archive based on the following proven benefits:

1. Ability to Capture and Store a Large Volume of E-mails without Loss. Komatsu's 10,000 employees generate a considerable amount of external e-mail. ZL UA's proven scalability enables them to store all e-mails with expansion and capture all BCC recipients and distribution list members.
2. Data Loss Prevention Against Fraud through Pre-review and Blocking Features. Blocking outbound e-mails was important for Komatsu. Implementing ZL UA enabled them to filter all outbound messages based on a custom lexicon and the ability to intercept, evaluate and quarantine the e-mails if necessary, while integrating seamlessly with Lotus Notes.
3. Hi-Speed Search Function for Audit. Message header, body and attachment information of all e-mail are automatically full-text indexed, encrypted, and stored in real time, to enable immediate high-speed search. Furthermore, the encrypted archiving feature prevents the tampering of archived e-mail.
4. Real-time Audit Capability. As a standard operating procedure, e-mail not conforming to the corporate governance policy is detected, audited and approved before transmission.
5. End-User Access to Archived E-mail. ZL UA's End-user Journal Search feature enables instant end-user access to archived mails, without the need and cost of implementing another archiving application such as "stubby."
6. Proven scalability and significant reduction in initial hardware investment.
7. Single-Instance Storage (SIS) for Reduction of Archived E-mail Storage. When identical message and/or attachments are sent to multiple recipients, ZL UA logs the header information and Single-Instance Storage

is used to store the message and/or attachments, reducing the storage footprint and costs by up to 80%.

8. Unified E-mail and File Archiving Capability. Files within the corporate LAN and on employee desktops or laptops, etc., can be archived and unified with the e-mail archive. This feature will prove to be instrumental in fulfilling Komatsu's vision to further strengthen their internal control system.

9. Proven Track Record of ZL Technologies. With numerous large installations testing the scalability and flexibility of the technology, ZL Technologies has proven to be the only vendor able to handle the complexity and size of this deployment.

For this project, QUALICA utilized its expertise gained from over ten years of experience with Komatsu's system development to manage the infrastructure-building and operation services (QUALICA Resource Service (QRS) – a resource on demand server resource system) for their in-house data center. TSB's software development capabilities and knowledge in e-mail security, gained through its groupware installations at over 300 companies, also assisted in managing the application-building process for the project. Both companies leveraged their strengths and collaborated to successfully fulfill Komatsu's very short deployment time-frame requirements.

As a result of this successful implementation, QUALICA and TSB will continue to integrate and provide support in strengthening the e-mail compliance of other large enterprise corporations using ZL Unified Archive.

About ZL Technologies

Established in 1999, ZL Technologies, Inc. (ZL) provides cutting-edge enterprise software solutions for e-mail and files archiving for regulatory compliance, litigation support, corporate governance, and storage management. ZL's Unified Archive, offers a single unified platform to provide all the above capabilities, while maintaining a single copy and a unified policy across the enterprise. With a proven track record and enterprise clients which include top global institutions in finance and industry, ZL has emerged as the specialized provider of large-scale email archiving for e-discovery, records management and compliance. For more information, please visit www.ZLTI.com

About Komatsu

Established in 1921 and headquartered in Tokyo, Japan, Komatsu is the top construction, mining equipment, utilities and industrial machinery manufacturer and operator in Japan and Asia and top 2 world-wide, with over 160 subsidiaries. <http://www.komatsu.co.jp/>

About Qualica

Since its inception as an information systems company wholly-owned by Komatsu in 1982, the Company has conducted business covering the development, implementation, operation and management of information systems. In 2000, the Company joined Japan's leading IT company, the TIS Group, and subsequently changed its name from Komatsu Soft to Qualica in 2003. <http://www.qualica.co.jp/>

About TIS Solution Business - TSB

TSB is a total information systems solution provider of the IT Holding Group. Based on the experience of servicing over 300 clients in the area of groupware including Lotus Notes and Domino, TSB provides the next generation information infrastructures for many clients. In recent years, the company has focused in

internal control and compliance solutions. <http://www.tsbnet.co.jp/index.html>

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ZL Technologies, Inc. (ZL) provides cutting-edge enterprise software solutions for e-mail and files archiving for regulatory compliance, litigation support, corporate governance, and storage management.

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