

SPAZIO Data Secure for WMQ (DSMQ)

A comprehensive data security solution for WebSphere MQ

Business problem

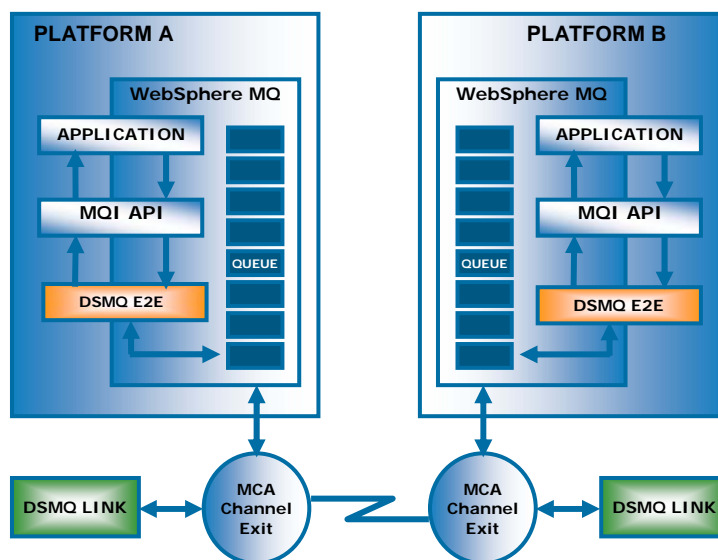
A lock on the door was state-of-the-art security for the computer room 40 years ago **Life is no longer that simple!**

IT security now needs to worry about cyber terrorism, hackers, viruses and theft of identity or of data. Government regulations in many jurisdictions require that personal data be protected to very high levels with failure to comply liable to result in criminal proceedings. Examples of this are the US Sarbanas-Oxley Act , the UK Data Protection Act, and similar laws all over Europe.



Solution description

SPAZIO Data Secure for WMQ is available for a wide range of platforms including OS/390, OS/400, Open VMS, HP NSK (Tandem), UNIX, and Windows that can be used to protect data sent using WebSphere MQ on an end to end basis (DSMQ E2E module) without requiring changes to the application.



Benefits at a Glance	
<p style="text-align: center;">Business opportunity</p> <ul style="list-style-type: none"> ■ Total application transparency ■ Easily integrates with your PKI ■ Improvement in time-to-market: fast deployment of the solution ■ Timely 7/24 support 	<p style="text-align: center;">Auditing & Security</p> <ul style="list-style-type: none"> ■ Support for ANSI, ISO, PKCS, X.509 and other security standards ■ Certified for use with Baltimore, Entrust, Verisign, GlobalSign and other X.509 compliant Certification Authorities ■ Symmetric (DES, 3DES, 64 bit RC2, and 128 bit RC4) algorithms, Asymmetric (RSA with support for keys of up to 2048 bits) and Hashing (MD2, MD5, SHA-1 and RIPEMD160) ■ PKCS#11 compliant cryptographic hardware (e.g. nCipher) supported for even higher performance and security ■ Key management (key generation, certificate requests etc.) all using via crypto token ■ FIPS 140-1 compliant random number generator
<p style="text-align: center;">Management</p> <ul style="list-style-type: none"> ■ Local Certificate Data Base for storage of certificates and revocation lists A correspondent secure DB to keep track of trading partners certificates, public keys etc. ■ LDAP support for retrieval of non-root certificates, CRL. 	<p style="text-align: center;">Performance</p> <ul style="list-style-type: none"> ■ Great attention has been given to the performance aspect, especially for the OS/390, z/OS environments. The security functions are managed by a Security Monitor, which is run in a separate address space in order to avoid any negative impact on performance, especially for online applications ■ OS/390 ICSF support for even higher performance

With SPAZIO Data Secure for WMQ, now you are in full control of your secure data transfer

End to End Security for WebSphere MQ (provided by the DSMQ E2E component)

- End-to-End data security for WebSphere MQ , securing messages from the moment the message leaves the sending application.
- Application transparent so no application change is needed.
- Protection of data on queues and WMQ log files.
- Flexible configuration options for control of message processing.
- Configuration using a Java GUI.
- Segmented messages and Distribution Lists are supported.
- PKCS#7 Protection of messages using digital signature and/or encryption.
- Data compression may be used to save disk space or to support very large messages.



Data Secure for MQ E2E Platform Support

- z/OS
- UNIX (AIX, HP-UX, Solaris, Linux)
- Windows NT, Windows 2K
- iSeries

Who we are

Primeur is an Italian multinational company founded in Genova in 1988. We are now present in Europe, the US and South America as one of the leading vendors of middleware solutions for distributed and heterogeneous IT systems. Primeur has been focussing for years on the IBM WebSphere, Tivoli and Linux environments, becoming an IBM Premier Business Partner.

Our mission is to partner with our Customers in their journey towards successful implementation of SOA Technology and its business benefits, building SOA based technology components and privileging products that complement IBM's SOA reference architecture.

Primeur's flagship product, Spazio, has been constantly improved along the time to include the latest technologies and standards. Our solutions are available on the main hardware and software platforms such as: z/OS, AIX, UNIX, Windows, OS/400, Linux and z/Linux, VMS, Tandem.

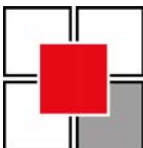
Primeur offers solutions in three areas of prime importance:

- Integration,
- Security
- System Management

Through a combination of products, services and qualified experience, Primeur solutions can also be tailored to meet the specific customer requirements

Primeur complies to a Quality Management System for Planning and Development of Software Products and Professional Service projects according to UNI EN ISO 9001:2000, certified by TÜV.

PRIMEUR: making SOA work for you



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