MessageSolution™
Enterprise Archiving, eDiscovery, Migration

MessageSolution Cloud Computing Technical Information Graphic
### (for clients & MSP partners)

MessageSolution cloud computing platform is compatible to all cloud networks for any cloud computing capacity, and supports Cloud Object for all cloud storage needs.

MessageSolution packaged MSP hosted platform can fit in all hosting environment, supporting Windows and Linux server OS platform, compatible with all storage devices (SAN, NEZ or SADA disc, etc.)
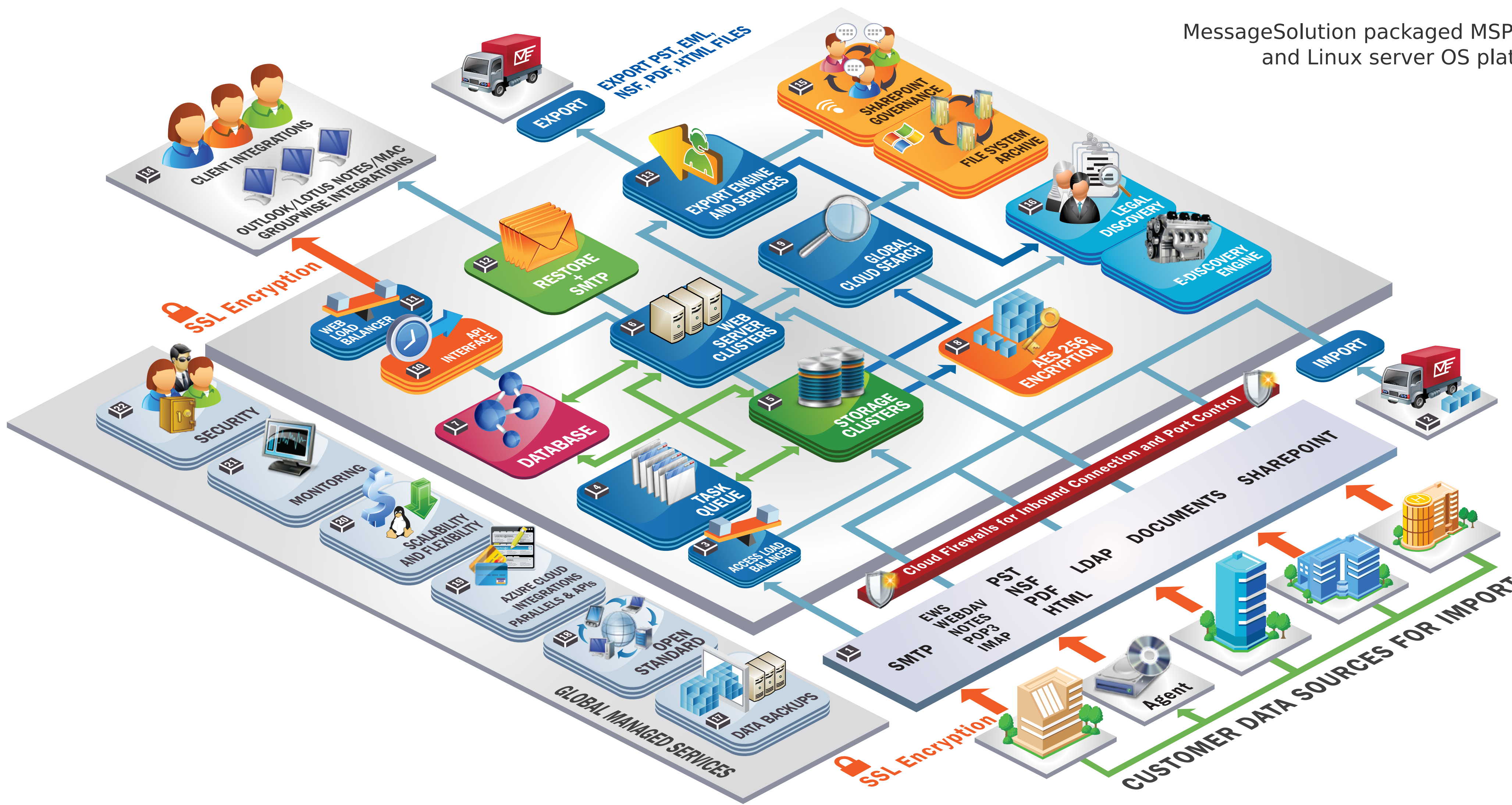
1. MessageSolution Secured DataTransferring
To ensure the preservation of users' folder structures, MessageSolution provides extensive archiving protocols and directory integrations to ingest customer data. SMTP, IMAP, POP, EWS, WEBDAV and LDAP ensure complete integration with Active Directory, Domino Directory, and GroupWise eDirectory. An optional agent software can be installed on-site and provides secured data archiving without changing network security settings for a fast and easy implementation.

2. Cloud Import
For large amounts of data, customers can express-mail the data in an encrypted physical hard drive for fast and secured data ingestion.

3. Access Load Balancer
Cloud load balancers distribute incoming data processing requests to ensure the quickest response.

4. Task Queue
Task Queue Server controls traffic and schedules non real-time jobs such as data exporting and reporting events.

5. Storage Clusters
MessageSolution Secured Storage Clusters is a cluster of systems responsible for processing data for single instancing, data compression and retention policies. It stores the data volume in the cloud object storage, leveraging MessageSolution's leading scalability with the lowest cost and maximized cloud performance for end-users. MSP Partners also have the option to store data in their own HSM storage network or with low-cost storage discs like SADA for maximized cost-efficiency when a 'cold storage' is needed.

6. Web Server Clusters
A cluster of cloud application servers to process users' search requests and render the web portal page.

7. Database
MessageSolution optimized cloud database delivers maximized scalability while ensuring the lowest cost ratio for end users- with the capacity to store petabytes of data without provisioning or configuring end-users.

8. Encryption
Cloud security with encryption servers ensure maximum security on stored data in the cloud.

9. Global Cloud Search
MessageSolution deploys a cluster of Unicode-based search engines with full-text indexing for emails, attachments, documents, files, and SharePoint content. A unified, vertical search combs through data content from multiple archiving repositories, with support in more than 115 languages. Global Cloud Search reinforces compliance protocol while allowing Federated Search to be conducted across different cloud storage locations in the world.

10. API Interface
MessageSolution API Interfaces enable service providers to integrate with the cloud archiving system in a plug-and-play style, allowing partners to instantly connect and integrate with MessageSolution's Cloud Platform to offer cloud compliance archiving and eDiscovery services to their end users.

11. Web Load Balancer
WLB connects and distributes the users' requests to a cluster of web servers to amplify and increase cloud performance.

12. Restore + SMTP
Integration with Microsoft Active Directory, Domino Directory, GroupWise eDirectory allows users to be able to restore emails from cloud archive directly back into users' inboxes and SMTP to forward emails to other mail recipients.

13. Export Engine and Services
Integration with Microsoft Active Directory, Domino Directory, GroupWise eDirectory gives users the ability to restore emails from the cloud archive directly back into their user inboxes. SMTP allows the forwarding of emails to other mail recipients.

14. Client Integrations
MessageSolution delivers seamless user experience for end-users to transparently retrieve archived email from client software (i.e. Outlook, Lotus Notes, GroupWise). Files and SharePoint documents are retrieved from a desktop Windows Explorer file folder seamlessly.

15. SharePoint Governance and File System Archive
Intimately integrated with Microsoft's most updated RBS and EBS protocols for BLOB storage offloading for SharePoint 2010/2007 servers and Cloud MOSS environment. The seamless integration with all versions of Windows' servers enables end-users to retrieve offloaded files transparently, delivering the ultimate storage control.

16. eDiscovery Legal Support
Advanced eDiscovery search engine delivers comprehensive eDiscovery functions like multiple Case Management, Text/Attachment File Redaction, Litigation Hold Notification, Concept Search, and Attorney-Client Privileged Access, and others.

17. Data Backups
Routine system maintenance is deployed with cloud block storage backups.

18. Open Standard
MessageSolution delivers the ultimate flexibility for partners and end-users to support cloud archiving on all email server platforms with both Windows and Linux OS clusters; SharePoint servers &MOSS platforms; and corporate file systems.

19. Azure, Cloud Storage, Parallels, other API Integrations
MessageSolution consolidates with cloud networks, provisioning/billing platforms and provider's APIs to deliver a cloud-centric, cost-effective solution, with vertical integrations of online support services like email security, IM, social media, and more.

20. Scalability and Flexibility
Unique and powerful industry-leading scalability delivers a capacity that holds 5-6 times more users than competing solutions. Costs are significantly lower for end-users without compromising cloud performance. Linux Server Support enables MSP Partners to further reduce costs while ensuring amplified performance.

21. Monitoring
SNMP and messaging-based monitoring system is deployed to monitor all cloud systems.

22. Security
MessageSolution safeguards security in the cloud as well as offline by encrypting all outbound data and guaranteeing internal compliance. Security protocols are additionally applied when data is offline and in transit for express-shipping.