

iOra Epsilon®

BENEFITS

DATA DELIVERY TO DISCONNECTED NETWORK

iOra replication technology has been designed to reliably deliver data over the most challenging high latency, low bandwidth networks.

COMPATIBILITY

iOra web virtualization technology means other non-Microsoft SharePoint based web and file based content can be replicated over challenging networks

SCALABILITY

iOra supports tens of thousands of users and terabytes of replicated content.

CONSISTENT COLLABORATION

Consistent enterprise-wide information management is enforced by ensuring that all users, irrespective of location, have access to the same information and data.

iOra is the leading global provider of the portal and file based compression and replication technology for organizations that need to operate in the most demanding environments. Our technology enables an intelligent, competent and transparent data exchange that is consistent and guaranteed, irrespective of location or network connection. Trusted by Governments, corporates, military and global organizations, our technology has been selected for its proven capabilities in hostile and remote environments. iOra products replicate data between installed Microsoft SharePoint servers, or by creating virtualized servers or web applications for mobile users - thus enabling guaranteed access to up-to-date operational critical information. Successfully deployed on tens of thousands of machines by customers delivering in some cases data over networks with speeds as low as 2kbps.

iOra Technologies

iOra Epsilon® is the iOra patented compression engine that is the core component of all iOra replication configurations. The world leading cross file compression technology ensures that data replication over the network is highly efficient.

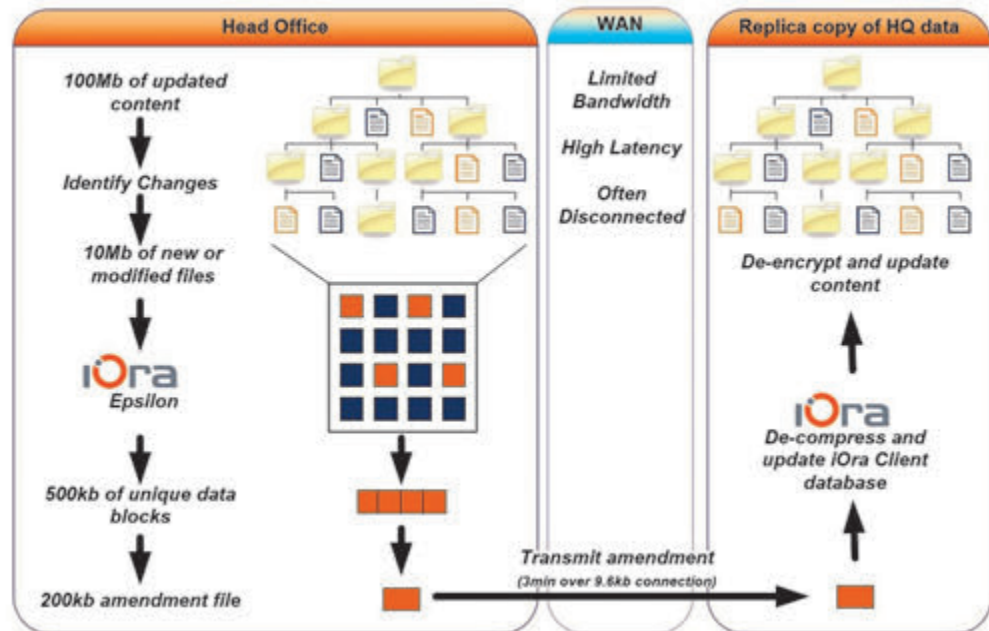
iOra Geo-Replicator® is a replication platform that provides the tools for defining the scope of what is replicated as well as managing secure, efficient, automated and transparent data updates.

In addition, **Geo-Replicator®** provides a diagnostic user interface to support the operational deployment iOra technology. Geo-Replicator® maintains a graphical indication of the operational health of all deployed replication – both local and remote. When Geo-Replicator® detects a warning or network error, the tool can be used to drill down to more detailed diagnostic information.

iOra Epsilon®

Irrespective of the network connection speed, it is crucial to minimize data to a fraction of its original size to send over any network to execute a phase of replication. Compression of updates is particularly important where the network connection is challenging or where the end user is operating at the edge of the corporate network. iOra Epsilon® compresses data by up to 99.9%.

iOra Epsilon® Compression Engine



MORE INFORMATION

For more information on any of our products or services please visit our website

www.iora.com

iOra's patented Epsilon® compression technology is our unique and world leading differentiator in the market. It has been shown to out-perform other industry technologies, such as delta level differencing - by an order of magnitude. Delta differencing is limited to comparing pairs of files with the same name.

iOra Epsilon® ensures that the amount of information that users need to download is minimized without compromising on functionality. Due to its specialised download ability iOra Epsilon® crawls only for changes within any form of documentation. The compression then further condenses only the changed information so that the duration of network connections is also significantly reduced. Hence the cost of connecting from a remote connection is significantly reduced.

Data de-duplication means that information that would previously have taken hours to download is transferred in minutes. When this is multiplied across the hundreds of users and over a whole year, the impact is considerable. iOra Epsilon® provides byte level differencing,

supported by pattern matching. The solution compresses across the entire Geo-Replicator® data set, not just within a single file, web page or document. For example, if a new presentation is published in a portal, traditional differencing techniques have no point of reference with which to discern any changes. iOra Epsilon® compression compares the presentation against all the other content held in the existing Geo-Replicator publication, regardless of file or data type. Typically iOra Epsilon® distinguishes that over 95% of the content of a new presentation already exists in other presentations or documents, and would reduce, for example, a 10 megabyte presentation to below 500 kilobytes. Then, using the iOra Epsilon® byte level compression algorithms, the data is compressed further, reducing the 500 kilobytes in the example to less than 200 kilobytes, giving an overall compression ratio of up to 99.9%. On a slow network this data de-duplication translates to over 100 times faster transfers.

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance

iOra

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