iOra Geo-Replicator®

iOra reports on the health and status of iOra Geo-Replicator® deployed publications, whether local or remote.

Geo-Replicator® has been designed from the ground up to support the deployment of iOra replication systems to users in the most remote and hostile environments, where access to networks cannot be guaranteed and - when available - are either high latency and/or low in bandwidth.

Geo-Replicator® monitoring is comprised of several components:

Replication Dashboard - Dynamically tracks replication metrics across all locations and replication projects, displaying both quick-to-understand status views and in-depth technical views**.**

Monitoring Service – Continually tracks the status of all iOra replication across all connected replicas and provides the ability to raise potential issues regarding the overall replication system.

Integration API – Supports the integration of replication status and parameters into third-party monitoring interfaces and applications.

SQL Storage hub - A back-end SQL database service to store iOra Geo-Replicator® replication data for display in the iOra Geo-Replicator® User Interface and for later analysis.

Email Status updates - An efficient email data communication service to transfer iOra Geo-Replicator® event data to a centralised point.

REPLICATION STATUS to IN-DEPTH TROUBLESHOOTING

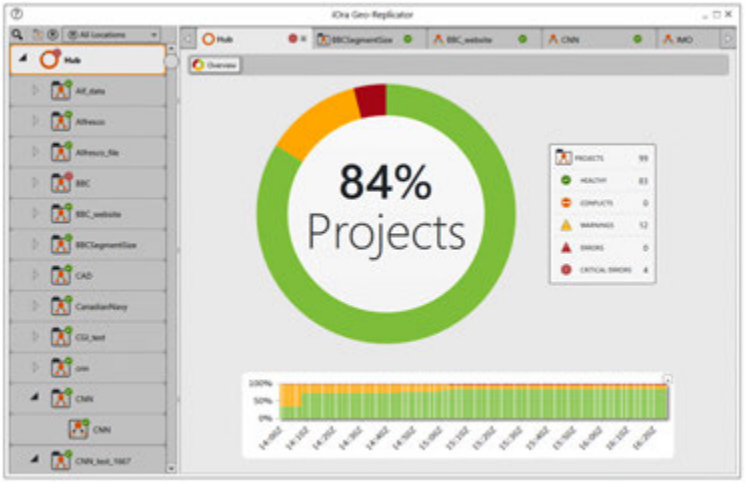
The iOra Geo-Replicator® user interface can be used by anyone to determine the status of deployed replication. A drill-down capability is available for technical engineers to directly support deployment and troubleshooting activities.

REMOTE ENVIRONMENTENABLED

iOra Geo-Replicator® monitoring is deployable in remote environments often disconnected from the network and with challenging bandwidths. Replication status updates are communicated as part of email messaging that can be highly resilient to any form of network disruption.

WARNINGS, ERRORS AND CONFLICTS

Monitoring the core operations of both the iOra Publisher and Client is central to iOra Geo-Replicator®. The user interface automatically flags issues against each iOra publication so that operators can then drill-down and resolve any problems .

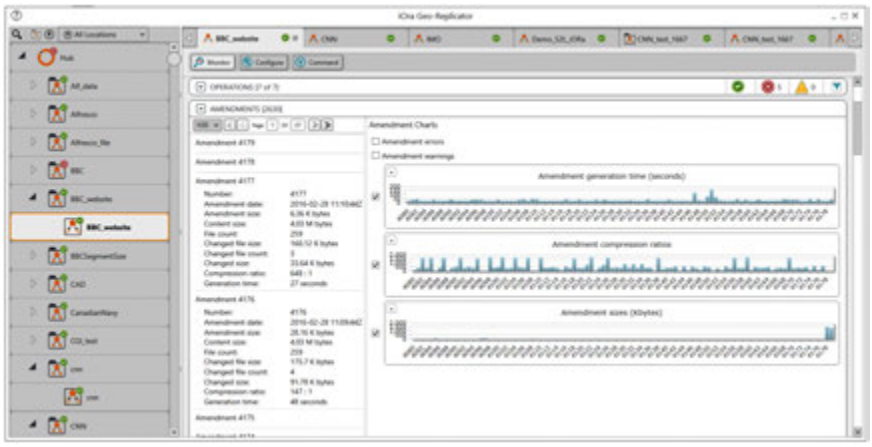


iOra Geo-Replicator® Hub

At the iOra Geo-Replicator® Hub level the user can either view the status of replication for all projects and locations, or can restrict the view to a single project or site.

The status wheel conveys the overall status of the project or location where green denotes health and orange and red indicate a requirement for troubleshooting.

iOra Geo-Replicator® Health Monitoring



The iOra Geo-Replicator® User Interface provides a visual display of the health and status of all monitored replication systems. Replication health is displayed in a high-level hub, technical statuses may then be found by drilling down into the data.

iOra Geo-Replicator® Alerts

Problem troubleshooting

Where troubleshooting is required iOra Geo-Replicator® leads the user through a set of drill down screens to the specific operation responsible for generating a warning or error event. In addition, iOra Geo-Replicator® can display detailed operational parameters that can, in turn, be used to manage the scheduled replication of data.

iOra Geo-Replicator® Publications may be in one of various different states, in descending order of importance:

Critical Error – the publication has a serious problem and is not working correctly. Remedial action is required.

Error – the publication has an error and is not working correctly. The error may be temporary, but investigation and remedial action is recommended.

Warning – the publication has a problem that is not preventing replication but which should be investigated and corrected as soon as practicable.

Document Conflict – data replicated as part of a server to server publication has conflicted with a change to the equivalent data when applied to the SharePoint target server.

OK – the publication has no problems.

AUTOMATED ENVIRONMENT ALERTS iOra Geo-Replicator® not only provides warnings and updates on the replication processes performed by the iOra Publisher and Client, it also has the capability to generate alerts on wider replication environments

MORE INFORMATION
For more information on any of our products or services please visit our website - www.iora.com

SERVICES AVAILABLE

- Geo-Replicator® Replication Solution
- Epsilon Compression Solution
- Technical Support
- Installation and Setup
- Maintenance

www.iora.com

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