



## Testing and Maintenance

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### Client Disaster Recovery Testing

Disaster recovery (DR) testing is a critical underpinning for any organization, helping to ensure resiliency arrangements are in place to continue business operations. Omgeo continues to implement best practices within our testing program including client connectivity to our services in the production environment. Accordingly, the guidelines have been developed for **clients to test the resiliency of their connectivity to Omgeo services**. Guidelines include logistical and procedural steps needed to schedule and participate in a client disaster recovery test involving Omgeo. Please [click here](#) to access Client DR Testing Guidelines.

Omgeo is currently working to expand our testing program including the capability to include client participation in our DR testing for services. In 2010, we will be carefully planning our strategy around client involvement within our DR testing and communicating to clients appropriately. An overview of our BCM program inclusive of our strategy, planning and testing approach is available in the [BCM section](#) of Omgeo.com. Enhancements to our BCM Program will be communicated to clients and the community through this site as well as Relationship and Account Managers.

### Omgeo Disaster Recovery Testing

We at Omgeo are committed to ensuring the highest level of availability and reliability to our clients. In support of this, we conduct robust semi-annual disaster recovery (DR) tests which occur during scheduled downtimes and are transparent to clients.

During a disaster recovery test for our services, fail over occurs from the primary data center to the alternate data center testing each component of the application including networks, databases, servers and storage. Recovery procedures are tested to ensure full resumption of operations within the recovery time objective (RTO) as outlined in the Interagency White Paper on Sound Practices. Omgeo CTM and Omgeo TradeSuite have an RTO of 2 hours. Core services have an RTO of 4 hours and include ALERT, Omgeo AutoMatch, Omgeo Connect, Omgeo MarketMatch, Omgeo OASYS, Omgeo OASYS Global and Omgeo Transaction Report. Omgeo CrossCheck and Omgeo ProtoColl have an RTO of 6 hours.

#### **Recent Testing Results**

DR tests continue to take place in 2010 during which we successfully test our recovery procedures for our services. Successful testing occurred in March, April, May and June.

- Omgeo TradeSuite recovery procedures were successfully tested in March, April and May.

- Omgeo CTM and core services recovery procedures were successfully tested in June, testing our out of region capabilities.
  - The next DR test for all services is scheduled for November 2010. High level results will be posted here following the test.

Disaster recovery procedures for Thomson Reuters network connectivity were successfully completed in October and November of 2009 and March and May of 2010. During these tests, disaster recovery procedures were performed within the TR network cloud, testing the resiliency arrangements and passing the traffic to Omgeo's data center and services

- The next DR tests for these recovery procedures are scheduled for August 2010.

On October 23, 2010, Omgeo TradeSuite clients are invited to participate in a SIFMA Industry test, exercising and verifying their ability to test backup sites and backup communications capabilities.

### **Business Plan Testing**

Business continuity plans have been developed for each area of the organization. Plans are tested throughout the year, at minimum twice annually, through events such as tabletop exercises and alternate site testing to ensure the highest level of preparedness and the level of skill and expertise that is essential in a real life incident.