

## **CONTINUUMBCP Application Architecture and Technical Details**

### **Welcome to Continuum**

CONTINUUM BCP is a web-based business impact analysis and business continuity planning tool designed to make BCP and COOP planning more efficient and effective. We offer both a hosted version, and, for those clients that require the utmost in security and data control, an installed version, that is hosted on the client's network, and protected by the client's own security protocols, in addition to the security we have integrated into the application itself.

### **Our Hosted Application**

For a highly secure environment, as well as the convenience of world-wide access and seamless data and application management and instant upgrades, Continuum offers our hosted application version. This application is highly scalable, customizable and secure.

### ***Architecture***

---

Our hosted application is web based. An end user will use a commercial internet browser such as Microsoft Internet Explorer, or Mozilla Firefox, to connect to our application website.

The application uses a LAMPS based industry standard architecture, that is: Linux operating system, Apache web server, Mysql database, Php scripting language, and SSL required connections. This provides the most stable, robust, secure, and scalable environment commercially available.

With a CONTINUUM license, a client may scale their activity to the number of user accounts, organizations, data, transactions, and bandwidth use that is required to complete their business objectives.

### ***Security and Application Reliability Measures***

---

We strive to provide the best security and data backup possible for client data storage and transfer. We use industry standard security methods to ensure that our software is secure in application, architecture, and physical access.

### **Application Security**

We provide a number of security measures within the application itself. Access is by username, and password only. Within the application, user rights are further restricted by function. Continuum divides functions into three categories, MANAGER, ANALYST, and SURVEYOR. For a client, only the primary BCP point of contact and specific delegates would have MANAGER authority to see the entire

scope of the application, with ANALYST and SURVEYOR accounts granted only the authority required to perform their specific tasks.

Clients create and manage their own internal accounts, granting accounts with MANAGER, ANALYST and SURVEYOR authority, as they require within their organization. This delegation of the right and responsibility to create individual user accounts to the client themselves allows the client a greater measure of control of access to their data from within their organization, and enhances security.

Finally, all actions taken within CONTINUUM, whether browsing, viewing data, or creating, editing, or deleting individual data records, is logged, and logs for a client are available to those users within that client with MANAGER level rights, in addition to being monitored and audited by CONTINUUM's internal security team.

### **Architecture Security**

Internet connections to our application are only allowed via 128 bit SSL encryption. Communication between the application and the data storage database is not routed over the network, to ensure security of the data transfer from user all the way through data storage.

User passwords are obfuscated within the data storage area such that even CONTINUUM system and application administrators with access to the user accounts cannot know what individual passwords are, and have no more than the ability to reset lost passwords.

### **Physical Security**

Our application is hosted on a secured server within a secured environment. Access to the physical location of the servers is restricted and logged. Logical access from the physical site is also restricted to authorized systems and application administrators.

### **Reliability Measures**

As mentioned above in application security, we maintain permanent activity logs that track specific acts within the application such as record insertion, modification, or deletion for each of the data types CONTINUUM tracks. Additionally, we maintain "undelete" data for the life of the application so that any data accidentally deleted can be pinpointed and recovered with a minimum of time or effort.

Our application is multi-hosted on both a primary site, and a backup site. Our application fails over to the backup site in the event that our primary site is not accessible. A failover event from the client point of view will be undetectable.

We have geographically separated our primary and backup sites to ensure continuity of operations in the event of a geographically widespread disruption such as an earthquake. Our primary site is in Los Angeles, and our backup site is in Colorado.

Both our primary and backup sites are synchronized daily, and both are further backed up daily to ensure data persistence and recoverability.

## Our Network Installed Application

To meet the needs of our most security conscious clients, and to provide even greater data control and customization, Continuum offers a locally installed version of our application. This locally installed version can consist of either a “network appliance” installed on your network, or the application software loaded onto a current server on your network

This option gives the customer the convenience and piece of mind of total control over the security environment, including complete control over logical and physical access to the application and host machine, and complete control over the application and application data.

## Customization Options

We offer extensive customization of our locally installed product to include functional customization and security customization. We can custom configure the application to take advantage of an existing database environment, be it a Microsoft SQL database, Oracle database, Dbase database or other ANSI SQL based database. We can custom configure the application to take advantage of an existing Microsoft Windows based application or operating system environment as well.

We offer less extensive customization of our hosted product to meet specific organizational needs.

## Additional Information

For additional information in Spanish, please contact our Spanish language representative, Jessika Brenes, at [jessika.brenes@continuumbcp.com](mailto:jessika.brenes@continuumbcp.com). For additional English information, please contact our English language technical director, Chris Shiplett, at [chris.shiplett@continuumbcp.com](mailto:chris.shiplett@continuumbcp.com)

*Continuum and ContinuumBCP are trademarks of Continuum BCP, LLC, all rights reserved.*