

Will it work?

Yes. Using some of the world's leading technologies, the Converge platform is built on an open architecture. We offer the most flexible system available at a low cost to entry.

Fast

The Converge Platform uses the same caching systems as many well-known social sites (Facebook, Twitter, YouTube and MySpace) which improves performance and user experience.

Secure

At Converge we take security very seriously. We rigorously test our platform for any security vulnerabilities and exploitations.

Available

Sites running on the Converge platform can be implemented as standalone or fully redundant systems. This provides maximum system uptime, creates the best user experience and allows scheduled maintenance to be performed without user impact.

Scalable

We grow as you do. This means you don't need to build for a 2 or 3 year plan. You build to suit your needs today while providing sufficient capacity for short-term growth expectations. As you grow, you simply add new servers providing an immediate capacity increase. This creates enormous cost savings, both at implementation and as your system scales.

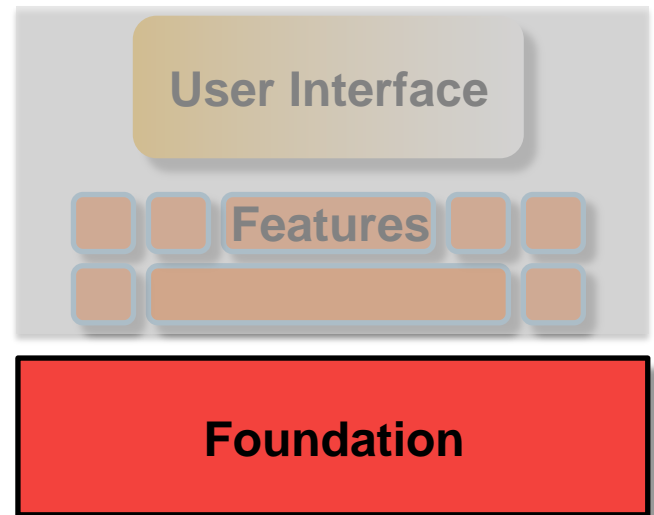
Integrated

The Converge platform was built for this exact purpose - to "converge" resources into a single, user friendly, simple to manage system. We easily integrate with external applications and external applications can easily integrate with us.

Manageable

The Converge platform includes a single management console for content moderation, content management, user administration and development. You no longer need multiple tools for managing traditional web content and social media. This reduces your management overhead, increases employee efficiency and ultimately reduces your total cost of ownership.

The Converge Platform



Database Layer

At the core of the Converge platform is the database layer. Converge resides on a MySQL database. It can run on MySQL versions 4.1, 5.0 or 5.1.

High Availability

The Converge database can be implemented with redundancy to provide high levels of availability. This is achieved through a number of options. Determining which option is right for you is largely dependant on how many 9's of availability you require. The following options are available to customers for high availability:

- MySQL replication
- DRBD for MySQL
- MySQL Cluster

Scalability

The Converge MySQL database scales as your infrastructure does. Simply increase the storage allocation to the partitions running our database and that storage is immediately available to the database. There is no need to create table spaces or increase space allocated to a table space. The database maintains separate innodb files (.ibd) per table within the database. This significantly increases the scalability of each table individually within the database.

Performance

Lock contention is one of the leading causes of poor performing systems and in particular web applications. To reduce the potential for lock contention the Converge database uses the InnoDB storage engine. This drastically reduces lock contention within the database resulting in faster performance and an overall better experience for your users.

Data Backups

The Converge platform has its own data backup system. A Converge administrator can define the time period, interval and retention for backups. They can also define the location where backup files reside. Backups are generally made to the local file system as a single tar.gz file. That file can be backed up by your existing backup system or moved to an off-site location using its own set time period, interval and retention. Customers often maintain a weeks worth of daily backups on local disk while backups done by their existing backup application have much longer retention periods. Restores are just as easy. If the data is all ready on the local file system, you simply need to uncompress the backup file, find the data you are looking for and import it back into the system.

Data Security

Username and Passwords within the Converge database can be encrypted with either a md5sum, sha1 or a custom encryption algorithm. This provides superior protection against user and data compromise.

The Converge Platform

