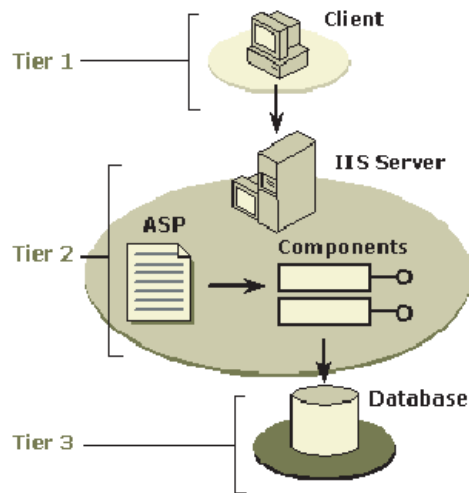


## ezCash Architecture

Designed for the web and built on the Microsoft technology platform, ezCash software combines proven technology with years of domain experience collecting accounts receivable.

## ezCash Solution



ezCash is a web-based, database centric, credit and collection application that can be deployed on your internal infrastructure, or used as a hosted application.

The stateless nature of a web-based application allows the ezCash solution to support thousands of clients, hundreds concurrently. It scales by distributing the workload across three tiers and deploying the right hardware and software on those tiers. We use the three-tier model to separate the Client, Application, and Database processing.

The three-tier model allows ezCash to scale both vertically and horizontally. You can use either of these methods or a combination of the two depending upon the demands of your site. Vertical scaling (scaling up) is achieved by adding more power to an existing server. Horizontal scaling (scaling out) is achieved by adding multiple, parallel servers and bandwidth as needed.

## Architecture

The ezCash architecture operates in either an intranet or secure Internet environment. A typical intranet deployment resides behind a company's firewall and is available to everyone on the private network. In a typical secure Internet environment, a major application service provider (ASP) hosts the ezCash solution and information is gathered and communicated through a secure socket layer (SSL) protocol using a certificate service, the same way that credit card transactions are handled on the Internet.

### Server Software

- ▶ Microsoft Windows server operating system
- ▶ Microsoft SQL Server
- ▶ Microsoft Internet Information Server
- ▶ Active Server Pages
- ▶ .NET Framework
- ▶ ABCpdf

### Desktop Software

- ▶ Microsoft Office - Word, Excel.
- ▶ Desktop PCs can access the ezCash application using Internet Explorer.
- ▶ The ezCash application takes advantage of the latest Ajax, DHTML and JavaScript technologies on the Client (desktop).

### Authentication and Security

- ▶ Combines the ease-of-use of password-based access control with the security of public key cryptography.
- ▶ Authenticate users with LDAP, Active Directory.
- ▶ Optional SSL certificate, such as Verisign.

### Network and Storage

- ▶ Internal 10/100bt switched network is preferred.
- ▶ Remote access using VPN for off-network users.
- ▶ Supports Network Attached Storage (NAS) and Storage Area Networks (SAN).
- ▶ Optional Internet access through a secure firewall and SSL protocol can provide self service access for customers and third parties.

## Scalability

Microsoft's Windows architecture distributes an application in several layers called tiers. From an application standpoint, ezCash software is operating in a three-tier model. Although tiers often reside physically on different servers, smaller installations typically combine tiers two and three on one server whereas larger installations use the full three-tier architecture.

### Tier 1 or User Services

- ▶ Comprises the entire user experience. Not only does this layer provide a graphical interface so that users can interact with the application, input data and view the results of requests, it also manages the manipulation and formatting of data once the client receives it.

### Tier 2 or Business Services

- ▶ Captures the rules that govern application processing, connecting the user at one end with the data at the other. The functions that the rules govern closely mimic everyday business tasks, and can be a single task or a series of tasks.

### Tier 3 or Data Services

- ▶ Manages and provides access to the application data. A single application may enlist the services of one or more data stores.
- ▶ Database architecture can be implemented in a failover environment for redundancy.

## About ezBackOffice

ezBackOffice is an application software and services company offering innovative web-based solutions, enabling companies to realize significant improvements in their backoffice operations.

For more information about ezBackOffice solutions, contact David Sargent at [dsargent@ezbackoffice.com](mailto:dsargent@ezbackoffice.com) or (610) 860-9196.

If you're in a hurry to learn more, visit our website at [www.ezbackoffice.com](http://www.ezbackoffice.com)

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