Chronologic Employee Self-service Overview

Chronologic Workforce Management

Employees

https://portal.COMPANYNAME.com[1]

Internet

A Record[2]

WAN Address: 123.123.123.123

Router/Firewall

Port 443

Port 21

FTP Server

Webserver - IIS

Website

Binding + SSL[4]

DMZ[3]

Firewall

LAN   10/192.x.x.x

Chronologic Software

Timesheet Service
Port 8886

Watch Service

Ports:

2299
4370
8888
3001

Terminal connections

Server.txt[5]   Port 1433

SQL server

The Website, Chronologic software and SQL instance can be located on a single computer

Notes

1. If you already own a domain name we recommend using that with a portal prefix. You can however purchase a new domain solely for the employee self-service.
2. The A Record is controlled by you the domain owner.
3. A DMZ is recommended for any public facing resource but is not required.
4. An SSL certificate will be required to prevent security warnings when the website is accessed externally.
5. The server.txt file is located in the Chronologic installation directory and points the application to the SQL database.

Terms

Domain names are used to identify one or more IP addresses and are used to identify particular web pages. For example, in the website address: https://www.chronologic.co.uk, the domain name is chronologic.co.uk.

An A record is used to map a domain name to an IP address.

Whenever you visit a website, send an email, or do almost anything on the Internet, the address you enter is a series of words connected with dots.

For example, to access the Chronologic website you enter www.chronologic.co.uk. At our name server there's an A record that points to the IP address 77.104.130.166. This means that a request from your browser to www.chronologic.co.uk is directed to the server with IP address 77.104.130.166.

A DMZ (demilitarized zone), is a physical or logical subnet that separates an internal Local Area Network (LAN) from other untrusted networks, usually the internet.

External-facing servers, resources and services are usually located in the DMZ, which allows them to be publicly accessible, but separated from rest of the internal LAN.

This provides an additional layer of security to the LAN as it restricts the ability of hackers to directly access internal servers and data via the internet.

SSL (Secure Sockets Layer) is the security technology for establishing an encrypted link between a web server and a browser. This link ensures that all data passed between the web server and browsers remain private. SSL is an industry standard and is used by millions of websites in the protection of their online transactions with their customers.