GoTechnology® hub2 Solution Information Sheet

About this document

This document lists information about the deployment of GoTechnology hub2 and is primarily intended for a technical audience.

Technical Information

Item	Description
Application Purpose	Online Completions Management solution for Construction and Commissioning.
Deployment Model	Software-as-a-Service (SaaS)
Method of Access	Web browser (Google Chrome, Firefox, Safari or Microsoft Edge recommended. IE11 compatible)
Local installation requirements	None.
Initial Release (hub2)	November 1st 2017
License Model	Cost determined by the number of tagged equipment items to be stored within the solution. For a quotation please contact GoTechnology.Support@woodplc.com.
Heritage	GoTechnology hub2 can trace its lineage back over three decades, originating with the MANCON solution released in the late 1980's, through to the Access-based GoC.mdb in the 90's before making the leap online with GoC.Om and GoC.Pro/GoCCMS in the 2000s. In 2011, GoCompletions was released, which was the immediate predecessor to GoTechnology hub2.
Hosting Platform	Microsoft Azure
Database Management Service	Azure SQL
Development Languages	C# .Net Core, ASP.NET Core
Geographical Deployment Options	Within any Microsoft Azure region as standard. To discuss non-standard requirements, contact the GoTechnology team.
Encryption in Transit	TLS 1.2
Encryption at Rest	Transparent Data Encryption with a service-managed key for SQL Server and Storage Service Encryption for BLOBs using Microsoft-managed key
Authentication Solution	Bespoke identity management.
Authentication Protocol	OpenID Connect
Two-Factor Authentication	Time-based One-Time Password algorithm (TOTP)
Identity Federation	Not currently supported.
Bandwidth recommendation	6000 Kilobits a second (750 Kilobytes a second)
Maximum Round Trip Latency	500ms
Disaster Recovery	All solutions are dual-hosted in geographically redundant locations. RPO and RTO are both 24 hours.
Support Offering	24x7x365, by email as standard with emergency telephone support available as required.
Uptime	99.999%
Password Complexity Requirements	Fully customisable to meet client specifications.
Password Storage	Passwords are stored and verified using a one-way hashing algorithm with the following properties: • Type: Password-Based Key Derivation Function 2 (PBKDF2) • Pseudo-Random Function (PRF): HMAC-SHA256 • Salt Length: 128 bits • Sub-key Length: 256 bits • Iterations: 10,000