

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 1 st 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 / SSO	Supported via OpenID Connect
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: <ul style="list-style-type: none"> • 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