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

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| 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](mailto: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 |
| Software Requirements | Any modern web browser. Chrome or Firefox recommended.  Office software such as Microsoft Office or Open Office to open spreadsheets (and word documents if applicable)  PDF viewing software to open PDFs. |
| Hardware Requirements | There are no special hardware requirements for GoTechnology hub2. Any device (PC, Laptop, mobile, tablet) can access using their web browser.  For the mobile application, the requirements are as follows:   * iOS: v13.3.1 or above. * Android: v8.1.0 or above |
| 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 |