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 | 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 |