Sitrion ONE

Infrastructure & Security
Sitrion ONE Infrastructure (Overview)

- Hosted on Microsoft Azure
- Isolated Tenants for every Customer
- No data storage on mobile devices and the cloud (except Push-Content-Cache)
- Encryption of all communication and messages
- Real-Time access, no Offline storage
• No replication of backend data, no data storage (except Push-Content-Cache)
• Cache-Content of Push-Data (Cards) leverages Rijndael (AES 128 Bit) Encryption. Dynamically generated keys per tenant-> Sitrion doesn’t know the keys and has no access to the customer tenant

Microsoft Azure Certifications:
Sitrion ONE Infrastructure (Hub)

- The hub contains the connectors to the backend systems (SharePoint, SAP etc.)
- Connectivity from the hub to the customer tenant via Azure Service Bus (Outbound only TCP to dedicated Azure IP ranges)
- Encrypted communication between Hub and Cloud via Secure Relay Access Token

• No data storage on the mobile device
• No offline access
• Encrypted communication with the customer tenant via SSL (TLS 1.2, AES 256 CBC, SHA1 & ECDHE RSA)
• Authentication of users leveraging ADFS or Generic Sitrion ONE-Login
Backend Integration
Integration Details

The Hub uses Azure Service Bus to communicate with the cloud.

Sitrion ONE Cloud is Built on Azure

SP Runtime Libraries

API Call (RFC)

JSON/REST over HTTPS

iOS

Android

Windows Phone

SAP

Sharepoint

.NET

Salesforce

REST

Office365
Authentication
Option 1: Sitrion ONE-Authentication

1. User is provisioned

2. User Logs into the App

3. User provides any other credentials required for Third Party Systems

4. Authentication through credentials provided by the user
Option 2: Microsoft ADFS-Authentication

1. Technical Team integrates with ADFS (Trusted Relationship)
2. User logs into ADFS on the app
3. ADFS Tokens Used to Log Into Other Systems (depending on the backend configuration)

- SAP
- SharePoint
- REST
- Salesforce
- REST
- Office365
- iOS
- Android
- Windows Phone
Technical Resources

General Technical Overview
http://devcentral.sitrion.com

Security/Architecture
http://www.sitrion.com/one/developer/documentation/security-guide
http://www.sitrion.com/one/developer/documentation/integration-guide

Development
http://www.sitrion.com/one/developer/documentation/getting-started/build-your-first-app
http://www.sitrion.com/one/developer/documentation/development-guide

Application Owners
http://www.sitrion.com/one/developer/documentation/integration-guide