Claims Handling System

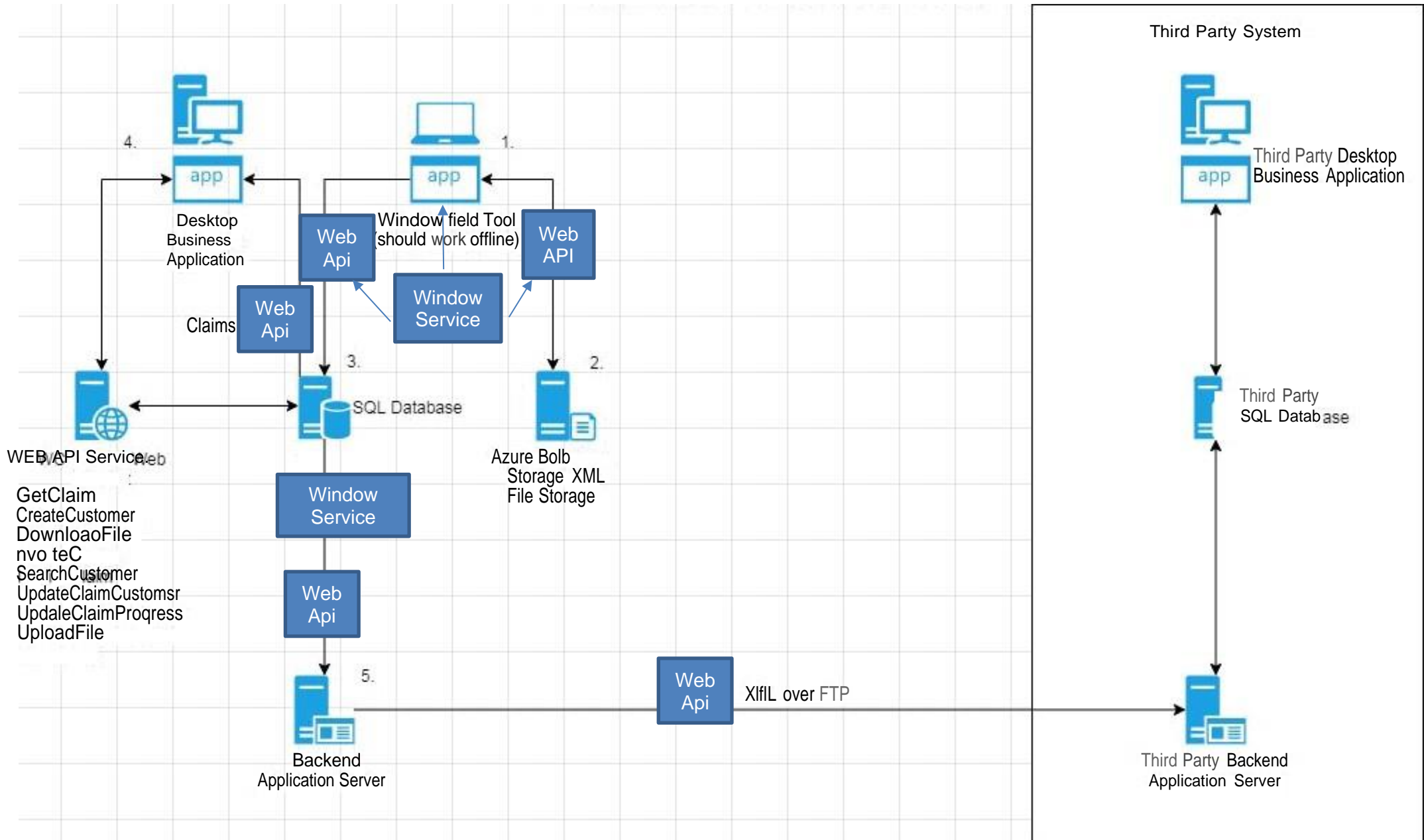**QuickClaimCo"**

1. Field agents record initial claim data in Remote Field Tool XML on local disk
2. Data is uploaded to central server when connected to corporate network
3. Initial claim is uploaded to SQL database when ready to be progressed further
4. Claim is handled to completion using Desktop Business Application
5. Claim progress updates are sent to third party client overnight

Arrow shows direction of dala flow

Third Party System

4.

app

Desktop Business Application

Web Api

Web Api

Claims

Window field Tool (should work offline)

app

1.

Web API

Window Service

Third Party Desktop Business Application

app

3.

SQL Database

2.

Azure Bolb Storage XML File Storage

Third Party SQL Database

WEB API Service Web

GetClaim
CreateCustomer
DownloaoFile
nvo teC
SearchCustomer
UpdateClaimCustomsr
UpdaleClaimProqress
UploadFile

Window Service

Web Api

Web Api

5.

Backend Application Server

Web Api

XlfIL over FTP

Third Party Backend Application Server

Fictional insurance claims handling company

1. Here we can use any technology but we are using windows Application and we are storing XML data to centralized XML server storage here we can use Azure bolb storage.
2. Upload XML file to Azure bolb storage for this will create Wep API rest service which upload XML file to Azure bolb once upload file is success then insert data to sql database using window service or task scheduler will call web api rest service in every 1 hrs it is background process.
3. Communication between sql database and desktop Business Application happen using web api rest service DB connection logic we can implement in web api side and instead of WCF SOAP web service again we can use Web api rest service.
4. Communication between sql database and desktop Business Application happen using web api rest service. Windows service or Task scheduler call web api service, In database table will maintain previous task run timing and in claim table maintain column as createddatetime and updateddatetime. This column help me to figure out which records to Take. Records whose createdatetime and updateddatetime is greater than previous task running time consider those records only.
5. Backend application server call web api service pass data to thirdparty backend application Server.