

## Consultancy Service Offer

### Oxware Technologies

Oxware Technologies Limited is a Microsoft Silver Partner consultancy founded by Azure subject matter experts in Azure solutions architecture, DevOps, development, Azure administration and Azure cloud platform security domains.

We follow the industry standard best practices and tools for

1. Solution Architecture
2. Software and UX Design
3. Agile ways of working
4. 2-week sprint cycle
5. Provision Azure workloads using Infrastructure as a Code
6. Delivery of high-quality software at speed by following the DevOps best practices and tools
7. Continuous Monitoring and Governance of Azure workloads and cloud platform.

### Service Description

Deploy Azure applications with the option to have it managed and monitored by Oxware DevSecOps experts or work hand-in-hand with our team to allow your security analysts and engineers to gain hands-on experience within this domain. Offer includes:

- Analysis of business and IT requirements, existing tools and infrastructure in place, data sources to be connected, development and automation requirements
- Design and Architecture of the application
- Provision application Azure workload infrastructure (IAAC optional)
- Develop and deploy individual application components
- Automate CI/CD pipelines (refer to DevOps Best Practices and Tools Blueprint)
- Automate Unit, Integration, Functional, and Load Testing
- Setup automated monitoring and governance of live/production environment

[Contact us](#) for a free quote. Dedicated Oxware Azure expert will determine your technical and business requirements and propose suitable cost-effective Azure or hybrid workflows to fit your request. We will also propose implementation strategy and can securely migrate and deploy your applications. We will support you through entire Cloud Product development and maintenance lifecycle.

More information in a case study example below.

### Case Study – Azure Application

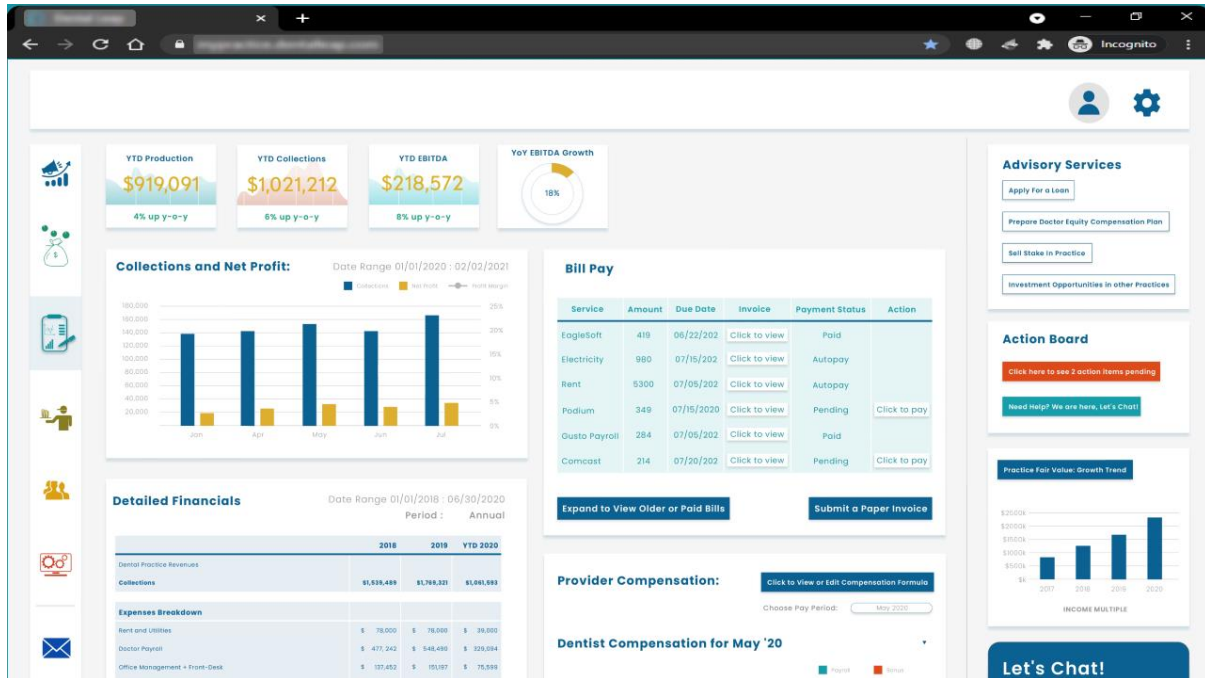
As one of our recent projects, Oxware Technologies delivered a multi-tenant technology platform for a dental service organization which allows the organization to:

- Enrol multiple dental practices as Azure tenants allowing them to single sign-on with their Azure Active Directory tenant and access their practice data via web portal, mobile and tablet apps.
- Manage dental practices at scale.
- B2B collaboration with third party vendors to provide seamless services to its clients.

## The Technology Platform

- Developed and deployed in Azure in two regions.
- Integrates with third party SaaS services.

Below is the screen shot of the web application developed and deployed in Azure by Oxware Technologies.



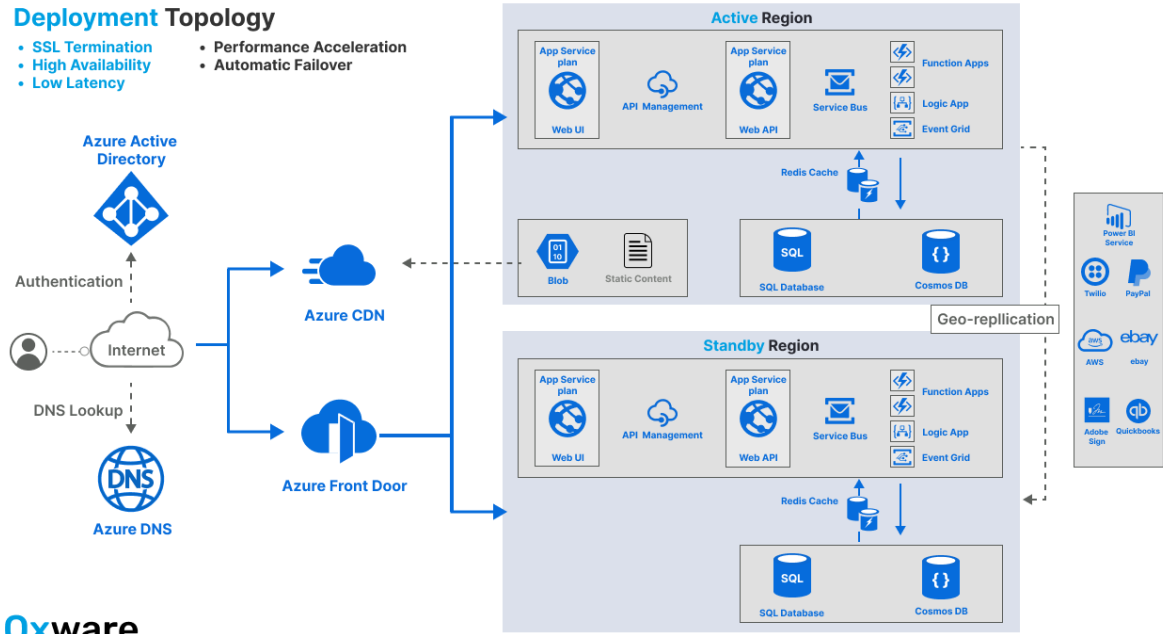
## Architecture

Below is the high-level architecture of the technology platform mentioned in the case study above and how it is deployed in two regions to meet the performance, automatic failover, availability and security requirements.

Web API and function apps talk to Azure SQL Server and Cosmos DB instances, and communicate with third party API like Power BI service, Twilio, PayPal, Amazon, eBay, AdobeSign, QuickBooks and many more.

### Deployment Topology

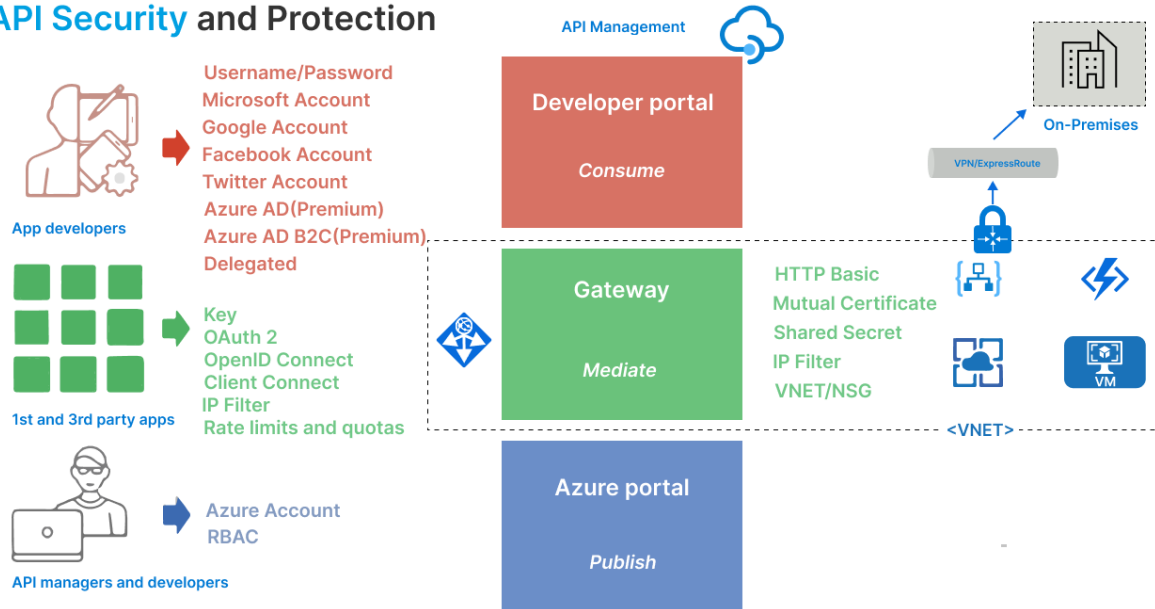
- SSL Termination
- High Availability
- Low Latency
- Performance Acceleration
- Automatic Failover



## Frontend and Backend

The technology platform’s frontend is developed in Angular and backend is powered by web APIs which are developed using AppService web API app, Function apps, Logic apps and Event grid with Service Bus as messaging broker service. APIs are protected with Azure API Management service. APIs available through the API Management service allows the third-party vendors to develop their custom applications.

### API Security and Protection



## DevOps Best Practices and Tools Blueprint

At Oxware, we deliver high quality software at speed with shift left approach by following the industry standard DevOps best practices and tools. Oxware Technologies follows the DevOps blueprint (shown below) which our cloud experts developed from their extensive industry knowledge and experience.

### Industry Standard DevOps Best Practices and Tools

