

The background is a complex technical drawing or blueprint, rendered in a light blue color against a darker blue gradient. It features various geometric shapes, lines, and annotations, including what appears to be a cross-section of a mechanical part and a circular diagram with internal lines. The overall aesthetic is technical and professional.

# ENTERPRISE DOCUMENT HUB

## CASE STUDIES



Tier 1 Automotive  
Manufacturer #1

## THE PROBLEM

Across various business segments and departments, numerous business documents are authored and managed. Some documents are managed locally, some via network shared drives and others through various tools such as Teams, SharePoint, PLM, ERP, etc. It is difficult to find documents in a timely manner but more importantly, to find relevant documents based on user functional role. Managing access control after a job or role change is difficult at best and impossible at worst, causing project delays and missed deadlines. A desired outcome is easy and efficient access to the relevant information, provides traceability among business processes and lifecycle, delivers better security and access control to the documents, promotes collaboration and capability to support future workflows.

## THE SOLUTION

Implement the Document Center, a cloud solution to effectively manage and access business documents. This solution provides the ability to add context to the documents and effectively use that context during the retrieval process from the line of business application. Document Center is based on Office365 SharePoint Online as the repository with a custom interface and intelligent cognitive search engine to access the documents based on context. Secured with Azure AD, document access control is managed in a flexible way and has the capability to expand for any future content management system, workflows etc.



## THE PROBLEM

A leading Tier One automotive supplier entrusted to design, engineer, validate and manufacture products and technologies for automotive, commercial and industrial markets. Operating globally from 80 facilities in 17 countries, client wishes to implement an efficient document management system that will integrate with Parseable platform. Documents are of all different file (Excel, PDF, Word, PPT) and document types (Engineering drawing, checklist, FMEA etc.) Implementable solution must support retrieval, review, download and editing of document types based on meta-data. Must be mobile-friendly and responsive, and provide API demonstrating integration capability.

## THE SOLUTION

The solution will be 100% Azure PaaS and 365 SharePoint Online with responsive Web Application authentication interface supporting Integration to SharePoint Online, find and retrieve documents based on meta-data. Responsive mobile interface scans QR code and integrates with Backend API to show results. Solution components include Azure App Service Plan, Azure SQL, Redis Cache, Azure CDN, Azure Functions, Azure Cognitive Services. Azure environment setup, documents uploading, metadata set up, API and QR code publishing for mobile interface, user acceptance and testing completion.





Heavy Duty  
Equipment  
Manufacturer

### THE PROBLEM

Across Sales, Marketing, Service, Parts, Finance and other Departments, various business documents are stored in silos making it difficult to manage and look up relevant content based on the Part Number or Model or other Meta-Data. Some of the Manuals are published specifically for a range of serial numbers and it takes several minutes of scanning through hundreds of documents to find the most relevant Service manual or Shop Manual. Further, looking up the right content within the Document is often a manual task. Also, certain document types such as Price Lists are very confidential and it is important to maintain the right access control and retention policies.

### THE SOLUTION

Document Center provided a single pane of glass view for several hundred thousands of business documents by integrating with Office 365 SharePoint Online and various other proprietary systems supporting more than 10 file types. The Document Center provided role based access control that is fully configurable by the job type, business segment, region, document type and even other user preferences. The solution being fully mobile friendly is being used by Mobile workforce improving their efficiency tremendously. The search engine is powered by Cognitive services for intelligent and relevant search.

