



CASE STUDY

SharePoint Azure Cloud Migration



The Challenge

— A federal agency was under tight timelines to move out of the on-premises data center and into the cloud. If the federal agency missed the deadlines, a heavy cost penalty would be incurred, increasing technical debt.



The Solution

— The Ardent SharePoint team supported the federal agency with end-to-end migration of SharePoint data from on-premise data center to Azure cloud. The support includes preparation and organization of the transfer, the system and farm-level auditing, configuration and testing of SharePoint sites and applications. Within ten days, Ardent created the production environment, complete with a new Domain Name System (DNS). To ensure technical and security compliance, the team worked very closely with the agency's Engineering and Security teams to submit all necessary change request forms and associated documentation, including a data flow diagram illustrating the new data boundaries, firewall changes as well as updates to the Privacy Threshold Analysis. The team also created an agency-wide SharePoint Azure Cloud Migration Communication and plan that was distributed to the CIO and all S&T staff.

The Outcome

— Ardent delivered a new Azure cloud environment successfully in 33 days, ahead of the original estimate of 50 days for project completion. Building on a string of successful migrations out of on-premises data centers, Ardent moved another federal client out of an on-premises data center and into an Azure cloud. With Ardent's help, the agency saw significant and immediate cost savings, security has greatly improved, and the transition has brought more opportunities to integrate the latest technologies and capabilities available in the cloud infrastructure.



Tools used to achieve these outcomes:

- Microsoft Azure
- Microsoft SharePoint
- SharePoint Workflow Manager
- Microsoft System Center Operations Manager (SCOM)
- Nintex Workflow Automation
- Sharegate Migration Automation
- Applications running on .NET, .NET Core, Node.js, Java, in containers or running on Windows
- Windows SQL Database

About Ardent

— A Digital Transformation, Location Intelligence, and Data Analytics firm, Ardent Management Consulting (ArdentMC) is a certified HUBZone Small Business and CMMI-Dev Level 3, v2.0 and ISO 9001:2015 company with offices in Arlington, VA and Tulsa, OK. ArdentMC management systems (ISMS/ITSMS) are certified to [ISO 27001:2013](#); [ISO 20000-1:2018](#) standards by SRI Quality System Registrar. Ardent brings a significant history of innovative and “at the speed of the mission” proven best practices in geospatial analytics, cloud services and modernization, and software development. Ardent is the “All In” trusted provider to many government agencies, DHS mission components, state and local projects, and the commercial and non-profit sectors.

For more information, visit www.ardentmc.com.