



Application Assessment Report

Astrow

AppScore Demo
Oct 22, 2021 11:08 AM








1. Application Summary

1.1 AppScore



	Score
Risk	53
Complexity	50

1.2 AppScore Recommended Migration Route



These recommendations have been made based on a cloud strategy of “Cloud Optimised – A balance between speed and cloud-native. Migrate applications and leverage cloud native features where possible to reduce costs and improve scalability and resiliency”. Other cloud strategy options in AppScore are “Cloud Native” and “Speed” which will produce different recommendations. AppScore recommendations are “signposting” to inform choices, it is intended that they are subject to final determination and selection by the partner or customer.

	Risk	Complexity	Benefit	Recommendation	Chosen Route
 Rehost	17	28	43	Recommended ✓	✓
 Rearchitect	51	50	35	Possible Option ?	
 Repurchase	N/A	N/A	N/A	Not Applicable ≠	
 Refactor	N/A	N/A	N/A	Not Applicable ≠	
 Retain	N/A	N/A	N/A	Not Applicable ≠	
 Retire	N/A	N/A	N/A	Not Applicable ≠	
 Relocate	N/A	N/A	N/A	Not Applicable ≠	

1.3 Operating Systems

Operating System Name	Support Status	Server Count
Microsoft Windows Server 2012 Standard R2	 Expires Oct 2023 	5

1.4 Database Technologies

Database Technology Name	Support Status	Server Count
Microsoft SQL Server 2012	 Expires Jul 2022 	3

1.5 Technical Debt Timeline 36 Month View

The following provides a high-level view of the support status for Operating Systems and Database technologies used (where applicable) for this application.



[Support Status Guide](#)

Green - 24+ months support remaining

Amber - 12-24 months support remaining

Red – Out of support or less than 12 months remaining

2. Application Information

2.1 - Application Overview

Information	Response
What is the cloud migration strategy for this application?	Speed - Migrate applications at pace to your target cloud with minimal or no changes
What is the data classification for this application?	Public Trust
Who is the audience for this application?	Internal Only
How critical is this application to your organisation?	Very High - Mortality
What are your plans for this application over the next 6-12 months?	Buy - keep using, invest and upgrade
Has a replacement solution/application been identified?	No
What is the category of this application (Application or Infrastructure)?	Application
Which Business Unit or Department uses this application? (If not applicable please state N/A)	Distribution Centre
Application description - What is this application used for? E.g. our core accounting package, CRM, HR etc.	Astrow time and attendance system

2.2 - Ownership & Support

Information	Response
Name of the application owner	Bob Smith
Email address of the application owner	bob.smith@acme.corp
Name of the business owner of the application	Tom Edwards
Email address of the business owner	tom.edwards@acme.corp
Name of the application SME 1	Bob Smith
Email address of application SME 1	bob.smith@acme.corp
Name of the application SME 2	None

Email address of application SME 2	None
------------------------------------	------

2.3 - Product & Vendor Information

Information	Response
Application vendor type	Commercial Off The Shelf (COTS)
What is the current Application delivery model?	On Premise
Is there vendor support for virtualised infrastructure and/or cloud services?	Yes
Is a suitable SaaS version of this application available?	No
What development language is the application written in?	COTS
When was the application last updated?	0-12 months
What is the Architecture type for this application	2 Tier Application (Logic built-in to either Data or Presentation Layer)
What is the version number of the application currently deployed	1.6
What is the licensing model for this application? Per user, per server, per CPU etc?	Per server
What is the vendors name of the application	Amano
Is the application internally or externally (vendor) supported?	Internally supported
Please provide the application vendor contact details	

2.4 - Requirements & Constraints

Information	Response
What is the application profile (flat, spikes)?	Flat
Does the application have a batch processing demand?	No

Is the application subject to compliance or regulatory processes (i.e. - PCI, SOX, ITAR, GDPR etc)?	Yes
Is the application data required to be located within a particular country?	Yes
Does the application require Encryption at Rest and/or Encryption in Transit?	Yes
Does the application have any hardware dependencies in order to function?	No
Does the application have any pre-existing operational issues (performance, stability, etc)?	No
Are there any in-flight projects that could impact the migration/transformation of the application?	No
Does the application have any bespoke remote access requirements?	No
Is there an application refresh policy in place?	No
Are there any specific licensing dependencies for the application to run?	No

2.5 - End User Information

Information	Response
What type of end-user interface does the application have?	Web Client
How many users does the application have?	500 - 999
Number of concurrent users	40%
User location(s)	EMEA
Application URL(s) (if applicable) (Development)	None
Application URL(s) (if applicable) (Test)	None
Application URL(s) (if applicable) (Disaster Recovery)	For information only
Application URL(s) (if applicable) (Production)	For information only

2.6 - Interface Information

Information	Response
How many interfaces (Data Interchanges) does the application have?	7 to 9
What is the total inbound interface count?	
What is the total outbound interface count?	

2.7 - Availability & Business Continuity

Information	Response
DR type	Warm
When is the application in use?	8 x 7 (Business hours inc weekends)
What is the Application Recovery Target Objective (RTO)?	For information only
What is the Applications Recovery Point Objective (RPO)?	For information only

2.8 - Non-Production Information

Information	Response
Can Non-Production environments be taken off-line during non-working hours?	Yes
How many days per month is the development environment is use?	All the time
How many days per month is the test environment is use?	All the time

2.9 - Supporting Information

Information	Response
What are the change freeze periods for the application?	For information only

Which Data Security / Regulatory Compliance requirements does the application need to comply with?	For information only
Please provide, where applicable, the country or region where application data is required to be located	For information only
Please provide further information on any specific licencing dependencies that the application is applicable to	For information only
Please provide further information on any hardware dependencies or requirements that the application is subject to	For information only
Please provide information on the access requirements for the support and development teams to each environment where applicable	For information only
Please provide, where applicable, any pre-existing operational issues (performance, stability, security)	For information only
Please provide, where applicable, any inflight projects that could impact the migration of this application	For information only
Please provide, where applicable, the application refresh policy including frequencies, source and destination flows	For information only
What are the requirements, where applicable, for Hardware Security Modules (HSM)?	For information only
What are the requirements, where applicable, for data encryption both in transit and at rest?	For information only
What are the requirements, where applicable, for certificates?	For information only
What IDS/IPS software/platforms are in place for the application and/or servers?	For information only
Please indicate the Business Services or Applications, including Infrastructure Services that will be impacted by any changes made to this application	For information only
Any other information that is important to consider for the Future State Design of this application?	For information only

2.10 - Infrastructure Supporting Components

Information	Response
Is the application configured to run in a high availability/resilient configuration	No
Is there a load balancer used for this application?	No
Is this application public facing and protected by a firewall?	No
How does the Application scale?	No Scaling
Does the Application have a requirement for Low Latency?	No

2.11 - Solution Architects Notes


Information	Response
Solution Architects - Is there any additional information that needs to be considered in the Future State Design for this application	













3. Application Infrastructure Details





3.1 Application Infrastructure Details - Servers

 24+ months support remaining/Available on Cloud

 Out of support or less than 12 months remaining/Not Available on Cloud

 12-24 months support remaining

Name	Data Centre	OS		DB		Apps
		Support Status	Cloud Status	Support Status	Cloud Status	
SRVUK0030 IP Address: OS: Microsoft Windows Server 2012 Standard R2 ENV: Production TYPE: VMWare	Docklands DC1					Astrow
SRVUK0031 IP Address: OS: Microsoft Windows Server 2012 Standard R2 ENV: Disaster Recovery TYPE: VMWare	Docklands DC2					Astrow
SRVUK0227 IP Address: OS: Microsoft Windows Server 2012 Standard R2 DB: Microsoft SQL Server 2012 ENV: Production TYPE: VMWare	Docklands DC1					Astrow Document Logistix GroupIT Members hip system OBS Recruitme nt Web Site Paygate payroll system
SRVUK0228 IP Address: OS: Microsoft Windows Server 2012 Standard R2 DB: Microsoft SQL Server 2012 ENV: Production TYPE: VMWare	Docklands DC1					Astrow Document Logistix GroupIT Members hip system OBS Recruitme

						nt Web Site Paygate payroll system
SRVUK0229 IP Address: OS: Microsoft Windows Server 2012 Standard R2 DB: Microsoft SQL Server 2012 ENV: Disaster Recovery TYPE: VMWare	Docklands DC2					Astrow Document Logistix GroupIT Members hip system OBS Recruitme nt Web Site Paygate payroll system

3.2 Application Infrastructure Details - Databases

Server Name	Database Technology	Database Instance	Database Name	Database Size (GB)	Environment	Data Centre
SRVUK0227	Microsoft SQL Server 2012	DBSqlApp	Prod1	4Gb	Production	Docklands DC1

3.3 Application Infrastructure Details - Interfaces

Interface Name	Source	Target	Notes
INT00001 <i>Internal or External:</i> internal <i>Data Type:</i> Authentication <i>Batch or Real Time:</i> realTime <i>Data Format:</i> <i>Frequency:</i> onDemand <i>Volumetrics:</i> <i>Owner:</i>	Active Directory	Astrow	
INT00002	Cognos	Astrow	

<i>Internal or External:</i> internal <i>Data Type:</i> BI data <i>Batch or Real Time:</i> batch <i>Data Format:</i> <i>Frequency:</i> daily <i>Volumetrics:</i> <i>Owner:</i>			
INT00003 <i>Internal or External:</i> external <i>Data Type:</i> DWH owned by Group <i>Batch or Real Time:</i> realTime <i>Data Format:</i> <i>Frequency:</i> hourly <i>Volumetrics:</i> <i>Owner:</i>	Data Warehouse	Astrow	
INT00004 <i>Internal or External:</i> internal <i>Data Type:</i> File transfers <i>Batch or Real Time:</i> batch <i>Data Format:</i> <i>Frequency:</i> daily <i>Volumetrics:</i> <i>Owner:</i>	File Transfers (FTP & SFTP)	Astrow	
INT00005 <i>Internal or External:</i> internal <i>Data Type:</i> <i>Batch or Real Time:</i> <i>Data Format:</i> <i>Frequency:</i> <i>Volumetrics:</i> <i>Owner:</i>	Didos	Astrow	
INT00006 <i>Internal or External:</i> internal <i>Data Type:</i> <i>Batch or Real Time:</i> realTime <i>Data Format:</i> <i>Frequency:</i> <i>Volumetrics:</i> <i>Owner:</i>	Gold	Astrow	

<p>INT00007 <i>Internal or External:</i> external <i>Data Type:</i> <i>Batch or Real Time:</i> <i>Data Format:</i> <i>Frequency:</i> <i>Volumetrics:</i> <i>Owner:</i></p>	<p>Astrow</p>	<p>External data service</p>	
<p>INT00013 <i>Internal or External:</i> internal <i>Data Type:</i> Network metrics <i>Batch or Real Time:</i> <i>Data Format:</i> <i>Frequency:</i> onDemand <i>Volumetrics:</i> <i>Owner:</i></p>	<p>Astrow</p>	<p>WhatsUp Gold V2</p>	
<p>INT00014 <i>Internal or External:</i> internal <i>Data Type:</i> <i>Batch or Real Time:</i> <i>Data Format:</i> <i>Frequency:</i> <i>Volumetrics:</i> <i>Owner:</i></p>	<p>Agresso</p>	<p>Astrow</p>	