



SURVEYOR 360°

Designed to assist you gain clarity of your current infrastructure estates, Surveyor 360° indicates which workloads can be on-premise, hybrid or in the cloud and help plan for your future growth.

The challenge many IT departments are facing today is how do they plan and move forward in modernising their data centre environments. Are you asking questions like:

- How do you work out what VMs and applications can move to the cloud?
- Which ones won't ever be able to move to the cloud?
- With new hardware capabilities what can I do to reduce my data centre footprint?
- What are the costs of moving partially or fully to the cloud?
- Where do I start, and how long will take to get this information?
- Will it cost a fortune to find out I can't move anything to the cloud?

With the realisation that cloud-based architecture is here to stay and can even be critical for current or future growth plans, many organisations need to develop a clear strategy to help understand what they have and plan for their future. As a first step Surveyor 360° can help your organisation understand the benefits of a cloud-based architecture, allowing you to deploy advanced workloads in areas like Artificial Intelligence (AI), Machine Learning (ML), Bots and Internet of Things (IoT).

A VIEW OF YOUR FUTURE

Developed by Phoenix, Surveyor 360° acts as a starting point for getting relevant information about your environment - with minimum impact to your organisations network and environment. Surveyor 360° is made up of several modules giving you the option to choose and run each module separately or they can be combined into Surveyor 360° which would include all of the following modules:

INFRASTRUCTURE MODULE

This module is the generalist module of surveyor. This is a great way to start small and grow into other areas to gather information of your hardware environment. This would include areas like physical servers, switches, networking, hypervisors, virtual machines, etc. The Surveyor Infrastructure Module includes:

- Infrastructure Scan
- Partial Infrastructure Scan
- Cloud - Equivalent Matching
- Cloud - Best Matching
- Workload Component Analysis
- Cloud Migration Strategy
- Migration Roadmap
- PaaS Recommendations
- Network Summary
- Licensing Recommendations
- Estate Analysis
- Projected TCO

SQL MODULE

The database environment is one of the more difficult areas to assess what can move, especially as you take in to consideration dependencies on application and possibly other databases. Assessing this environment gives an understanding of what can and can't go into the cloud, as well as what will need to move into the cloud as a server hosted services (IaaS), or what can be transitioned and moved into the cloud as a platform services (PaaS). The Surveyor SQL Module includes:

- Database Estate Analysis
- Instance Matching
- SQL Azure - Options
- Database Model Deep Dive
- Compatibility Discovery
- SQL Licensing Review
- Recommendation Report
- SQL Solution - TCO

BACKUP, CONTINUITY & DR MODULE

This module is for the organisations that want to assess what is possible to implement internally as a Backup, Continuity and Disaster Recovery (BCDR) solution.

This module helps organisations assess what they are currently doing and, if different, what our recommendations would look like for their environment. It will also help to demystify what the cloud offerings are and how they will work for you and your organisation. The Surveyor BCDR Module includes:

- Existing Solutions Analysis
- Recommendation Report
- BCDR Costings

SECURITY MODULE

While the base layer of security of the cloud is highly secure, monitored, tested and maintained by the vendor, you as the customer are responsible for implementing your own security on the environments that you create within the cloud. This can be daunting, but we help you assess what you have and then make recommendations as to what resources and solutions you should build into place. This can be straightforward, or quite complicated depending on your requirements and needs. The Surveyor Security Module includes:

- Existing Solution Analysis
- Recommendation Report
- Solution Costs - TCO

STORAGE MODULE

The Storage Module has become an important module for many organisations, as it looks into the various storage pools for your business.

When looking at moving storage to the cloud there are a few more considerations to make. While there can be savings made in moving to the cloud, there is a dependency on not just how the data is being stored, but how often is it being accessed. As you only buy the storage that you are going to use, deduplication becomes an important consideration before moving to the cloud. The Surveyor Storage Module includes:

- Existing Solution Analysis
- Cloud Storage Options
- Recommendation Report
- Storage Costs - TCO

DEVOPS MODULE

Legacy or custom applications are always a difficult area for any organisation to consider what can be moved to new platforms. This module looks at your application estate and assesses which applications can make the transition to a cloud platform as well as the ones that won't or need additional work to be completed before they can shift. This module also looks at some of the Advanced Workloads from Microsoft to assess what can be developed and implemented for POC and production. The Surveyor DevOps Module includes:

- Solution Discovery
- Application Process Review
- Suitability Analysis
- Recommendation Report
- Proposed Solution - TCO
- Advanced Workloads

HOW DOES IT WORK?

Surveyor 360°, or any of the Surveyor Modules, utilise a series of tools and manual work to pull information from your IT estate either within the relevant module or from the entirety of the estate depending on what is agreed and purchased. The duration of running Surveyor is up to you to decided. It is possible to do a point-in-time snapshot of the environment and we can turn around the report much quicker.

Alternatively, Phoenix recommends that you run the program for 30 days* to ensure that the report is capturing any peaks and troughs that can occur throughout the month. The reporting timeframes will be based on qualifying what your needs, expectations and project timelines are for getting the information.

AGENDA

Surveyor 360°, and each of its modules, consist of three stages and there are also some pre-requirements that generally need to be met before we start the on-premise portion of the engagement which will be discussed and agreed beforehand.



PRE-REQUIREMENTS CONFERENCE CALL

- Creation of discovery appliance(s), if necessary - specifications would be sent prior to the engagement
- Installing agents on each server if needed
- Opening of certain ports for source machines
- Administrative privileges necessary for the discovery appliance(s)
- Creation of a user account for source machines
- Anything else agreed with customer and consultant

STAGE 1 <ul style="list-style-type: none">• Kicking off the programme• Discussing the environment and future plans• Creating the discovery appliance(s) or servers if needed• Installing the agents on the server• Running and testing that the tool is capturing the data	STAGE 2 <ul style="list-style-type: none">• Collating the data• Writing the report	STAGE 3 <ul style="list-style-type: none">• Presenting the report• Discussing next steps• Signing off the report

*There is no additional cost to run the tool for the 30 days.

GET INVOLVED

If this sounds of interest, let's talk and see how Surveyor 360°, or the individual modules, can help you and your organisation.

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