Surveyor 360

Gain clarity of your current infrastructure estates
and see workloads can be on-premise, hybrid or
in the cloud - helping you plan for future growth.

PHOENIX

Take a look at what's possible

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 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 scalable architecture for both allowing you to optimise your current data centre environment, but also in allowing you to deploy advanced workloads in areas like Artificial Intelligence (AI), Machine Learning (ML) and Internet of Things (IoT).

However, the challenge facing many IT departments today is how do they go from where they are now to where they want to be. By leveraging our Surveyor 360 offering we will help you move along this journey and answers questions such as:

- Is the cloud right for my organisation and what benefits can it bring?

- What VM's and applications can move to the cloud and do I have any which won't ever be able to move?

- How can I start to reduce my data centre footprint?

- Can I start to consolidate multiple data sources to provide the ability to interrogate them from a centralised location?

- What savings will automating current manual processes bring my organisation?

- What are the costs of moving to the cloud?

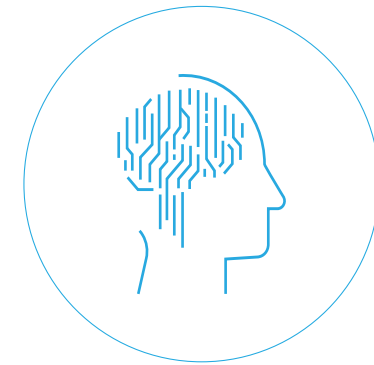- Where do I start on this journey and how long will it take?

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 various 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:

Apps and Infrastructure

- Infrastructure Assessment Module
- Backup, Continuity & DR Module

Data & AI

- Data and Analytics Assessment Module
- Chatbot and Engagement Automation Module
- AI and Innovation Module

APPS AND INFRASTRUCTURE

Infrastructure Assessment Module

This module is the core module of Surveyor 360. This is designed to gather information of your existing environment covering areas like physical servers, switches, networking, hyper visors, virtual machines, etc. The Infrastructure Assessment Module includes:

- Infrastructure Scan
- Cloud - Equivalent Matching
- Cloud - Best Matching
- Workload Component Analysis
- Storage, Security and SQL Analysis and Recommendations
- Network Summary
- Licensing Recommendations
- Estate Analysis
- Projected TCO
- High Level Cloud Migration Strategy and Migration Roadmap

APPS AND INFRASTRUCTURE

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

DATA AND AI

Data and Analytics Assessment Module

This module examines an organisation's data and analytics landscape (people, process and technology) and compares this with their goals, with the aim of providing actionable steps that help them progress.

- Analytics maturity survey

- Data platform and analytics tools assessment and architecture

- Data users survey/assessment – types of users, what their requirements are, are they being serviced optimally, what options to improve this

- Data review – sources, value, type, potential

- Analytics organisational structure

- Skills analysis

- Data and analytics roadmap

DATA AND AI

Chatbot and Engagement Automation Module

This module is designed to give you the opportunity to rapidly evaluate modern Chatbots and understand the benefits they can bring to your organisation in a low risk situation. During this process we also demonstrate how chatbot's can work with your current data and help to automate currently manual processes.

The Chatbot and Engagement Automation module includes:

- Envisioning workshop with business stakeholders
- Development and demonstration of key use-cases
- Technical architecture / design workshop
- Creation of bespoke chatbot proof of concept
- Fully costed proposal for the deployment of proposed chatbot

DATA AND AI

AI and Innovation Module

This module is designed to give you the opportunity to explore modern AI-based services and how they can benefit your organisation. In this module we will discuss (depending on your requirements) Machine Learning, Azure Cognitive Service and how they can also be applied to the wider Internet of Things/Edge Devices to deliver innovative solutions to meet your business requirements. It will also help you develop your AI Roadmap and future pathway for the deployment of these services. This module includes:

- Envisioning workshop with business stakeholders
- Development and demonstration of key use-cases
- Technical architecture/design workshop of how AI can help support this
- AI/Innovation Roadmap
- Fully costed proposal for the deployment/development of a proof of concept

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.

Phoenix will then progress to a detailed design phase, refining the migration roadmap and specific plan for priority workloads identified for migration to Azure including ongoing Management of the environment.

Agenda

Surveyor 360, and each of its modules, consist of three stages as well as 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.

The process for the engagement is:

Pre-requirements 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

- 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

- Collating the data
- Writing the report

Stage 3

- Presenting the report
- Discussing next steps
- Signing off the report

Take control of your future

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

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*"Cost cutting was not the key driver, but it has become one of the outcomes of what we're moving to. **Roughly, there is a 50% saving in certain areas of our current IT expenditure by moving to the cloud** – so we get more for less. **For every £1,000 saved in IT that's potentially 2 weeks' worth of people being within one of our care homes**. So, the more effective we are at spending our cash the better it is for the community as a whole."*

Joseph Rowntree Foundation

True Partnerships.
Remarkable Outcomes.

By using IT, we believe that we can enable UK Public Sector organisations to innovate, transform and deliver smart connected services to staff, citizens, patients, tenants and students.

We do this by understanding the individual goals of each and every organisation that we work with to help them modernise their workplace by harnessing the power of cloud, data, AI, security and collaboration tools.

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