EvolutiON | Always Available. Always **ON.**
Systems

5 Key Steps To A Successful Cloud Migration

Your guide to ensuring
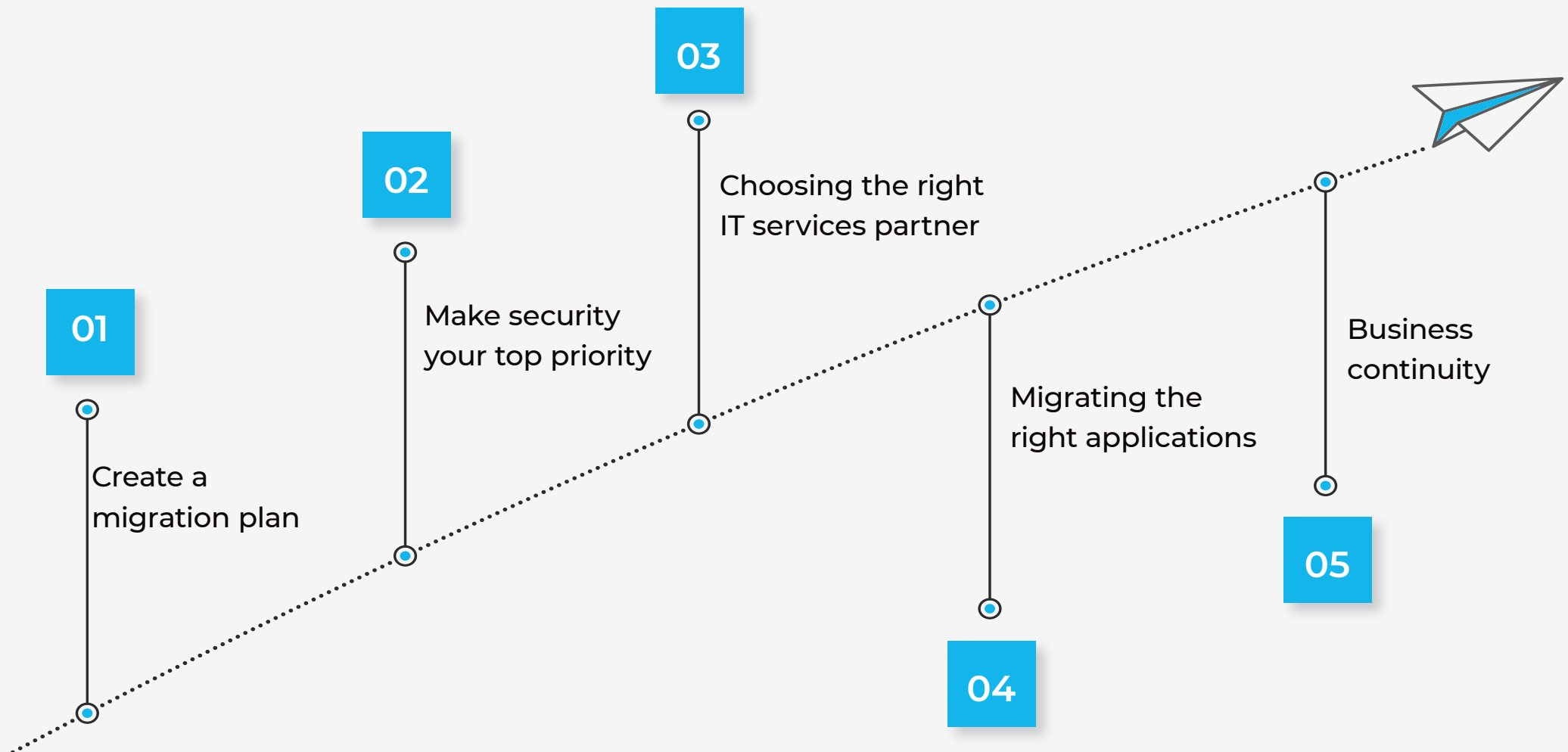a smooth cloud journey

Introduction

Evolution Systems has been helping organisations across Australia migrate their business-critical applications to the cloud for more than a decade now. We know migration challenges, risks, bottlenecks, and more and less common issues inside-out.

We created this guide to support organisations that are about to kick off their cloud journey as well as those that have already started on it but remain concerned about the end result. Our guide is intended to highlight the critical areas that can make or break a cloud migration and help them avoid popular mistakes.

Here are **5 of the key steps** we recommend you should take to ensure your cloud migration is successful:

01 Create a migration plan

02 Make security your top priority

03 Choosing the right IT services partner

04 Migrating the right applications

05 Business continuity

Step

01

Create a migration plan

Whether to the cloud or on-premise, all migrations involve highly complex processes, making adequate planning critical for their success. Which is precisely why ahead of your cloud journey you and your team need to make the time to:

- Plan out all the steps
- Define the scope
- Identify key stakeholders for each application

And it goes without saying that the more in-depth your planning is, the bigger the chance for a smooth cloud journey.

Step

02

Make security your top priority

Once your migration plan is in place, security needs to be your main priority. With the average cost of a data breach valued at almost **AUD 4 million**, safeguarding your applications in the cloud is critical. What can you do to stay on top of security when planning your cloud journey and after the migration is completed? You can protect your data from many of the security threats that are around today by ensuring you are keeping your security policies and patch levels up to date and implementing data encryption.

Step

03

Choosing the right IT services partner

While there are many IT services partners on the market, it's vital to conduct proper research and due diligence to find one that has the relevant, proven experience to accompany you on your cloud journey. Price should not be the most important factor, especially as your business-critical applications are at stake here. You need a trusted partner who has the right Service Level Agreements (SLAs) in place to ensure you will get exactly the support you need.

Step

04

Migrating the right applications

Not every application belongs in the cloud or is cloud-ready. That's why it's necessary to evaluate each application to determine their compatibility and resource requirements. For example, business intelligence or big data applications place rigorous demands on network and storage resources, which could lead to poor performance. As a result, for some systems, the cloud might not be the right answer – but to find out what they are, you need to evaluate all of them ahead of migration.

Step

05

Business continuity

Applications in the cloud are still vulnerable and can become unavailable. Business continuity requires disaster recovery (DR) procedures and services, which often end up overlooked. A DR plan is a critical piece of every migration journey to ensure your applications remain available at all times. Your business needs to identify the recovery point (RPO) and recovery time objectives (RTO), so that you can ensure your DR solution supports them.

If you have questions about moving your business applications to the cloud, we can help.

Evolution Systems offers a fresh alternative to choosing between on-premises costs & complexity and impersonal public cloud options. We can support your cloud needs within a hosted private environment backed by professional solutions, design advice and deployment assistance. This will allow you to benefit from consistent performance and the highest security standards while taking advantage of flexible subscription options and tailored 24/7 support. We are Australia's leading provider of IBM i in the cloud while also offering our Evo Windows Cloud together with comprehensive support for your company's Linux, AIX, and Red Hat cloud needs.

Let's talk about how we can support your cloud migration journey

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