Checklist - Hybrid Cloud
creating the foundations

**Why is everyone talking Hybrid Cloud?
5 facts you need to know now.**

1. **Adoption of cloud will increase. Reliance on on-premise will remain**

   At its IT Infrastructure, Operations & Cloud Strategies Conference 2023 in London, analyst firm Gartner said that 'by 2028, modernization programs will lead to 70% of technology workloads running in a cloud environment, up from just 25% in 2023'. While this reflects how cloud continues to evolve to support more complex applications and systems, it also means 30% of workloads will still run on-prem or managed data centers. So, hybrid cloud is here to stay for longer term.

2. **Multi-cloud isn't a silver bullet**

   It's likely you already have a multi-cloud environment, but multi-cloud isn't a fix for the challenges of today's complex environments, with thousands of applications and variously aged platforms. Again, from Gartner: "By 2028, more than 50% of enterprises will not get value from their multi-cloud implementations." Ouch. If you're wondering why this is the case, it's because the challenges of multi-cloud are similar to those of hybrid cloud.

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3. **Hybrid cloud is hard to manage**
   It's not us just saying that (see Forrester analyst Tracy Woo's April 2023 blog post where that's the title for starters). Enabling data to transfer between cloud and legacy infrastructure and different clouds remains a massive technical challenge. That data is now even more disparate and hard to track, raising big compliance and security issues. And the skills required to cover everything old and new, all the time, are seriously lacking industry wide.

4. **There is a way to bridge platforms, and cut hybrid cloud complexity**
   Hybrid and multi-cloud complexity have outstripped people's ability to manage them and ensure they are orchestrated, secured and optimized at all times, as new applications and innovations are adopted at speed. To do this your teams need the right tools, with intelligent automation, back-end integration and smart user interfaces that put them back in control. For example, Atos' advanced hybrid cloud services are powered by Microsoft's Azure Arc, to deliver the consistent and secure management experience organizations and their users demand, irrespective of whether an application is sited on-premise, in a public cloud, or even in a multi-cloud environment. Azure Arc serves as a bridge between Azure services and resources deployed across environments to provide centralized management, governance, and security capabilities that simplify operations in hybrid environments.

5. **AI will be playing a critical (and growing) role in your cloud strategy and management**

   AI isn't coming. It's already here, and despite some of the negative headlines it offers significant value to people and businesses. Forrester for example notes that "Enterprise AI initiatives will boost productivity and creative problem solving by 50%." How? By taking away the more mundane and repetitive tasks leaving people free to do what they do best – complex problem solving, imagining better ways to serve customers, collaborating and engaging with each other. And we know because Atos and Microsoft are at the forefront of this evolution, with advanced, ethical AI - such as Copilot and OpenAI - that is designed to serve and support - not replace - people.

   Want to know more?

   > Book a discovery call and see how we can remove your hybrid cloud challenges

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