

# Hybrid IT customer guide



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# Perfect balance: Hybrid does IT

Cloud adoption is surging as organizations seek the benefits delivered by new technologies such as mobile, social, big data and the Internet of things. At the same time CIOs and their departments are increasingly faced with the issue of striking a balance between the many conflicting demands being placed on the IT infrastructure?

How do you ensure that business units have the agility to act and deploy new solutions, increasingly cloud based, yet ensure governance and compliance are not compromised? How do you nail down data availability 24/7, across geographies and across devices and yet be certain that privacy and security will not be breached?

*How do you have an IT environment that is robust, secure and flexible and yet have a prudent IT budget?*

The answer lies in a cleverly architected and seamlessly integrated Hybrid IT environment with a governance framework that matches the new pace of business, and the flexibility to adapt and

evolve with changing business needs. By blending the best of cloud powered and on premise IT, the balance that large organizations seek is the balance that Hybrid delivers.

And with more than 5,000 large scale implementations globally, no one does Hybrid better than Fujitsu.

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# Get the balance right

There is no doubting the rise of cloud over the past few years. The market for all kinds of cloud services continues to grow, with IDC forecasting an 11 percent shift in IT budgets away from traditional in-house delivery towards cloud by 2016.

Organizations have reaped improvements in agility, innovation and competitive advantage. In fact, the upside has been so obvious – especially in areas such as software-as-a-service or renting compute power from public cloud providers – that line-of-business units outside of IT have taken a lot of cloud buying decisions themselves.

This has led to more decentralized IT spending and control. And that can be as challenging to the organization's service delivery and compliance management as it is empowering for business units.

What's more, few people just talk about 'the cloud' anymore. We hear the word hybrid a lot. There is hybrid cloud – meaning a combination of public and private cloud services – but then some take hybrid to mean a world of digital and traditional businesses. Those are just two uses of the H-word. We'd like to explain why Hybrid IT is both of those things - and much more.

[READ THE FULL ARTICLE >](#)





## Hybrid IT is all-encompassing.

Hybrid IT brings you the customer and business outcomes you need now while paving the way to faster, more flexible adoption of the technologies and services you don't yet use but will one day. For many organisations, it will be at the heart of improving customer experience and a transformation to a digital business.

That transformation doesn't happen as a single big bang. Fast is good but so is controlled and phased. Let your business units have the cloud services they need but with governance, integration and cost managed appropriately.

# Orchestrating Hybrid IT

Analyst IDC predicts almost two-thirds (65 per cent) of enterprise IT organization will commit to hybrid cloud technologies before the end of 2016. And Gartner says that nearly half of large enterprises will have hybrid cloud deployments by the end of 2017. This is a wake-up call for any organization that isn't already doing or planning Hybrid IT. Now is the time to get started.

The first important step on this journey is to define the strategic goals for making the shift to cloud and Hybrid IT. Those goals will vary and need to be tailored to each individual company, its sector and its appetite for risk. There is no magic ratio of cloud to traditional IT. It's about finding the right balance for each business, whether that's a high-street retailer or an investment bank.

The American singer and songwriter Tori Amos describes an orchestra as a creature and the conductor as "the dragon tamer". It's an apt analogy for the world of Hybrid IT where orchestration is the key to taming the complex mix of cloud and traditional IT environments and getting real business value out of it.

In this context the conductor must bring together all the moving parts of Hybrid IT – the services, suppliers, security, processes and technology. Fast and legacy IT, analogue and digital must all be orchestrated to help the business create and deliver a seamless user experience across all platforms and channels.



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# Fujitsu Digital Business Platform MetaArc



Fujitsu Forum 2015 Interview >

The digital explosion is a massive opportunity for organizations. But to make the most of it and become digital businesses, they need to balance the requirements of 2-speed IT: fast IT – exploiting cloud-based digital solutions to drive innovation; and robust IT – modernizing the core systems that run the business.

In doing this, they'll be well placed to:

- Reduce risk and complexity
- Modernize core systems
- Lead digital transformation

This changes everything for IT. It changes the perception that IT departments just provide a commodity.

It puts them in a position to drive innovation and give their businesses a real advantage. It's a chance to become more valuable to their businesses than ever before.





## MetaArc provides the enabling platform to allow organizations to:

MetaArc provides the enabling platform to allow organizations to: - Deliver new cloud-based fast IT solutions for digital initiatives, including mobility, analytics and the Internet of Things.

- Modernize and maximize the investment in existing robust IT systems
- Unlock the value in existing data and systems by connecting robust IT with digital initiatives

MetaArc also reduces the complexity and risks of managing the resultant Hybrid IT environment of cloud and on premise IT by providing the tools to integrate, orchestrate and manage a Hybrid IT estate of cloud alongside on premise IT. This helps address the governance concerns that many organizations have around cloud adoption in terms of security, visibility of what cloud services are being used and cost management.

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# H HYBRID

The home for peer to peer Hybrid IT knowledge

Hybrid Hive is the home for conversation and debate about Hybrid IT, for IT decision makers across the globe. The concept of hybrid IT is evolving beyond the hybrid cloud into an environment that encompasses multiple cloud models, vendors, platforms and applications.

By deploying Hybrid IT, enterprises aim to have far greater agility and scalability, as well as better managing the inherent complexity that comes with managing a distributed infrastructure.

But what is the best route for success? That's what the Hybrid Hive is all about.

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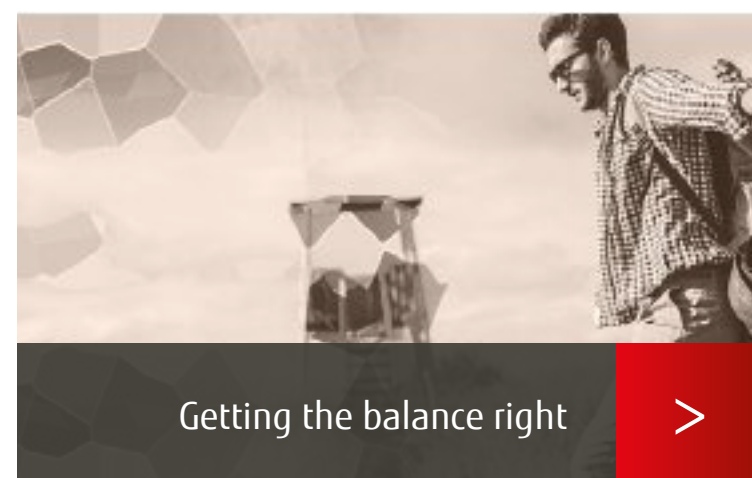
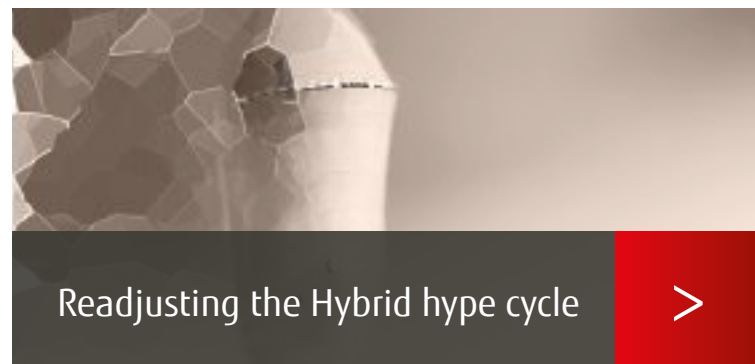
10 considerations for using private cloud in Hybrid IT





# HYBRID HIVE

Knowledge, opinion and industry debate.





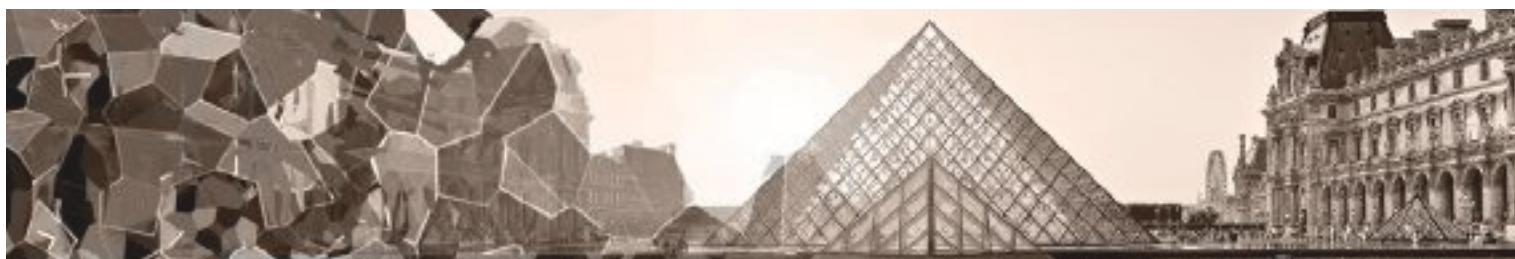
# **H** HYBRID

The home for peer to peer Hybrid IT knowledge



# HYBRID HIVE

Knowledge, opinion and industry debate.



Five ways to transform your company culture with Hybrid IT



The Hybrid Hive takes a deep dive into the topic of Hybrid IT, and includes news, views and advice on how IT infrastructure management is evolving and where it is going in the future.

We also reflect on how topics like shadow IT, bimodal IT, develops, security and platform strategy impact – and are impacted by – Hybrid IT.

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# The White Book of Managing Hybrid IT

The latest in a series of research reports from Fujitsu that seek to document cloud utilization within organizations, offering guidance on the application and management of this emerging technology.

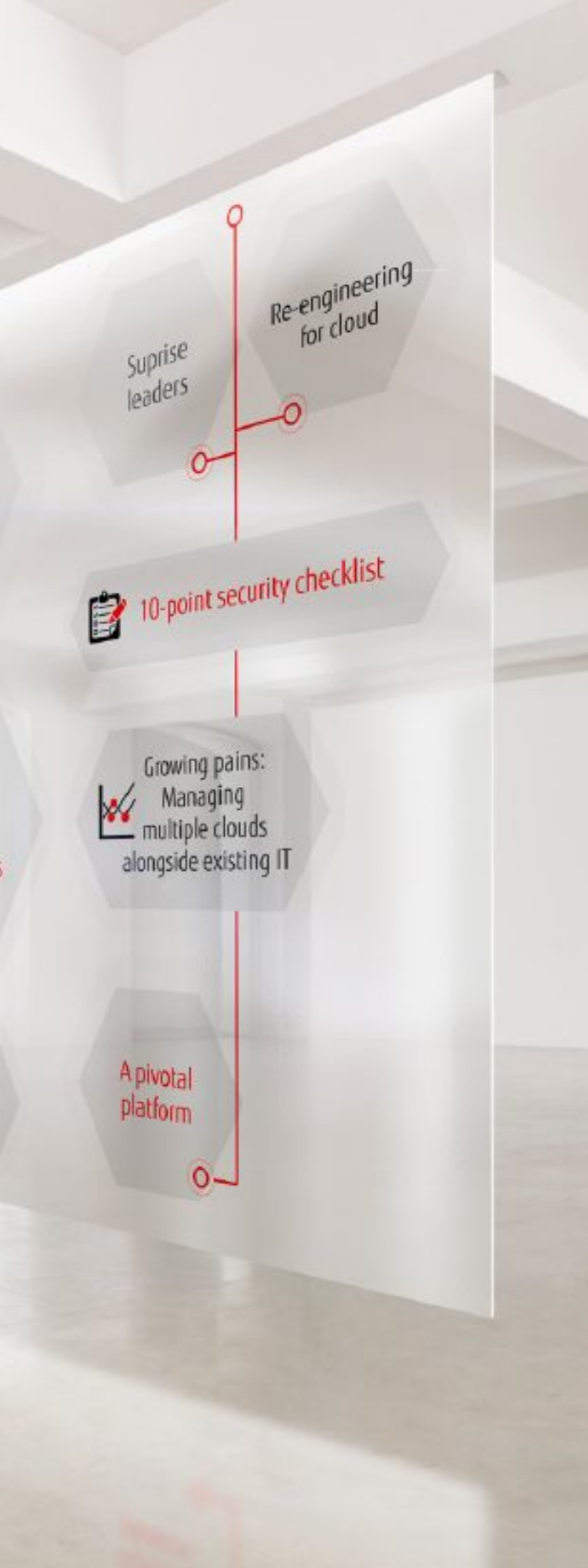
It is clear from both our research and the extensive discussions with CIOs, partners and industry analysts that cloud is becoming part of the standard delivery model for IT services today.

From Fujitsu's perspective, we see cloud as the natural platform for delivering new types of applications. We also think it has a key role in underpinning our vision of a human-centric intelligent society, one where social and business innovation is driven by the intelligent use of information and communication technology.

DOWNLOAD THE WHITEBOOK OF HYBRID IT >







This fifth installment we review several key questions associated with this acceleration in the adoption of cloud and the subsequent challenges that IT leaders are grappling with. In particular, it seeks to:

- Identify the issues that organizations are encountering as they look to manage multiple cloud solutions and integrate these into existing IT systems – a Hybrid IT set-up.
- Explore the strategies companies are using to manage the performance, security and cost of this new world of Hybrid IT effectively, while still giving business-unit leaders the freedom to use cloud technology as a platform for innovation.
- Assess how the relationship of IT with the wider business may need to change in the long term, as organizations adapt to the Hybrid IT ecosystems they must build for the future.
- Define a new approach and solution for the integration, aggregation and management of this growing portfolio of cloud services that is effective for a new model of service procurement and deployment.



# The organizational impact of Bimodal IT

The cost-effective, quick and easy-to-implement nature of cloud computing is hard to ignore. As a result, we're seeing ever more businesses moving into the cloud and away from traditional IT infrastructures. Analyst Gartner predicts that, by 2016, cloud services will make up the bulk of organisational IT spend.

By the end of 2017, it expects that nearly half of all large enterprises will be using hybrid cloud, a combination of public and private cloud services. Moving to the cloud, however, doesn't mean that businesses are abandoning legacy IT. Traditional enterprise servers, storage devices and networking equipment – managed either in-house or by third-party providers – are still vital in many cases to maintain long-established operations or to provide a testing ground for development projects.

This two-pronged, often two-speed approach – cloud and legacy – is what Gartner calls 'bimodal IT'. And, while bimodal provides numerous benefits, it also poses many new challenges for the organizations that adopt it.

We put together this report to help such organizations understand what those challenges are, and how to best prepare for and manage them.

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# 7 top data security risks for Hybrid IT - and how to tackle them

Traditional IT and network boundaries are blurring in the world of Hybrid IT, which blends cloud - both public and private - and internal IT to give organizations the flexibility to grow and innovate rapidly.

Hybrid IT ultimately offers businesses the potential to use the information they have in new ways and to survive and thrive in today's digital environment. But it also has implications for data security compared to traditional IT.

The question for organizations is how can they address these new risks and protect critical information assets and, in doing so, make security the enabler that supports this move to cloud and Hybrid IT environments?

In this whitepaper we will show how IT security can remove the barriers and risks associated with Hybrid IT. Done right, security can enable faster, cheaper and more flexible IT and in turn drive innovation and deliver real value to the business.

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# [ What are your next steps? No one does Hybrid IT better than Fujitsu... ]

Hybrid IT enables enterprises to have “the best of both worlds” but it’s a model that requires planning, preparation and smart thinking.

At Fujitsu, we understand the challenges involved in this multi-year journey and can help our customers find the best path forward. Our approach toward Hybrid IT architecture and integration helps organizations achieve the right balance of legacy and hybrid cloud services, while our governance framework ensures that businesses can also stay flexible and adaptable to changing needs over time.

**For more information about Fujitsu’s approach to Hybrid IT please contact us at:**

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**Find out more:**

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