FUJITSU
Application
Modernization

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Fujitsu Application Modernization

Fujitsu is a leading provider of customer-focused information technology solutions for the global marketplace.

Fujitsu's Global Application Modernization Services enable organizations to leverage the years of investment they have made in their application assets, deliver more from IT budgets and reduce the risk of implementing new technologies.

Challenges

In today's business environment, it is vital to know when to adopt new technology and when to keep current applications in place. The challenge is to understand when maintaining business in an existing environment is more painful than migrating to an improved environment and when to modernize the applications in order to mitigate the risks and issues that the organization faces on a day to day basis.

Quite frequently organizations run into barriers imposed by the continued use of aging technology. What the organization may require is a partner that has a global practice dedicated to improving the longevity of application assets. A partner that can assist in modernizing applications which are functionally "fit for purpose" but are suffering from issues caused by the ageing of the base technologies.

This partner should be agnostic with regard to the target technology that the organization aspires to and not just be trying to sell their own vendor specific options. They should be able to bring to the table capabilities that don't just encompass migration options, but also cover modernizations which give benefits without necessarily requiring the movement of the underlying system and also provide the ability to move all (or part) of application assets into a cloud environment.

The partner selected should have a proven track record of success using a standard set of capabilities and skilled resources based around the globe, so that projects undertaken in one part of the world can gain from the experience of projects undertaken in other regions.

What are the benefits of Application Modernization?

A target application is any application developed in an older language, or running in an aging environment, that is currently in production and which the organization has the need to change.

Our view of Application Modernization is that it is any action which mitigates the risks and issues of an application, where these issues have been caused by the aging of the technology.

In today's highly competitive world, with ever-changing market and customer priorities, your business needs to use every lever available to enable you to provide more efficient, consistent, and prompt services to your customers.

Unshackling the organization from aging technology

This benefit may include the removal of unwanted infrastructure, software, tools and platforms, the reduction in the skill base required to run the systems, the reduction on the reliance of increasingly rare and expensive skills, the removal of vendor lock-in licensing, the reduction in the Total Cost of Ownership of the systems and many other issues and drivers.

Integration of web

This can be a modernization where the base systems are either left untouched or fully migrated. This benefit can assist in mitigating the problem of new employees not being familiar with old screen technologies (green screen etc.), lack of validation, users having to handle many applications to undertake a single process, interaction with other systems, third party access to current systems, the inability of ageing systems to employ workflows and other front-end functionality.

Integration of mobile & tablet

Again the main application can remain largely untouched, and by integrating with mobile technology (iOS, Android and Windows mobile environments) application can be accessed from anywhere in the world, enabling your workforce and delivering a new and improved user experience to your customers.

Migration to cloud

Through the migration to a cloud environment (Fujitsu MetaArc, Microsoft Azure etc.) you can reduce your reliance on internal systems and flex the environment to suit the requirement peaks, only paying for what you actually use.

Reduction in cost

There are many ways in which cost can be reduced by undertaking an application modernization and when coupled with the faster development times and additional functionality in new development platforms, the outcome is that the organization can afford to do a greater amount of development work within the same budget.

Removal of unsupported technology

Running unsupported technology and even dead technology in production is a high risk strategy as the technology will eventually fail and may leave the organization with irretrievable data and processes.

Reduced reliance on internal modernization projects

Sometimes an organization thinks that they will be able to undertake a modernization project internally because they designed and built the original system. However the skills and techniques involved in a modernization are quite different to development and maintenance. Internal one-off projects can hit many of the hurdles that experienced modernization teams are able to avoid, the outcome is that those internal projects often fail or become very expensive.

The Fujitsu Global Application Modernization Service

Application Modernization is a global service from Fujitsu.

This means that Fujitsu provides the same capabilities across the world. Our global teams have the combined knowledge and skills to undertake all of Fujitsu's Application Modernization capabilities. These high quality professional services can be provided through our seven cost effective Global Delivery Centers in association with our local teams — it means we provide the right services in the right place at the right time and to budget.

Our capabilities are constantly updated to keep up with changing technologies as we understand what is modern today will be legacy tomorrow.

All of our solutions are designed to make your modernized applications more open, easier to develop and maintain, and improve the functionality and longevity.

For more information on these services, see our **Playlist** of videos on YouTube or scan this QR code.

Unique Selling Propositions
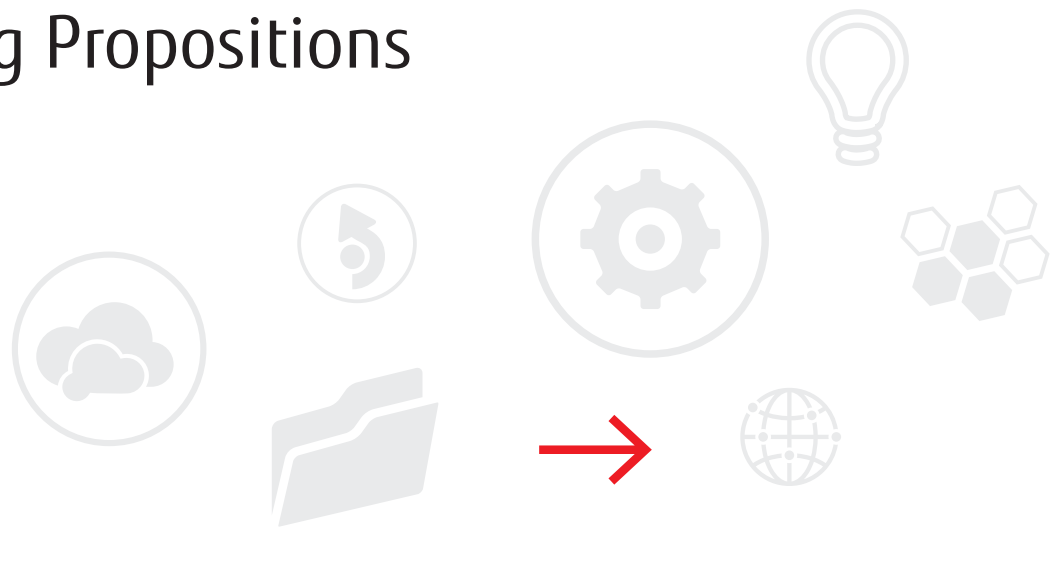
Some of Fujitsu's major unique selling propositions are as follows:

Cloud Services
Fujitsu is a market leader in cloud services with MetaArc and Microsoft Azure available worldwide, along with related consultancy and professional service capabilities.

Agnostic
Where possible, Fujitsu's Application Modernization services target an open solution rather than a vendor specific solution, the options we recommend are to give the client the greatest business benefit.

Tools and Partners
Fujitsu has access to our own high quality toolsets and 'best of breed' partners, all of whom can work on a global basis whilst retaining an agnostic approach to technology targets.

Resourcing
Fujitsu has access to local resources and various global delivery centers, which can be utilized to reduce the cost without reducing the quality of the service provided.

Modernization
Fujitsu's range of options covers a wide array of situations not just migration.

Global Offering
Bringing together the skills and knowledge of the entire Fujitsu organization.

Standardization
Fujitsu's Application Modernization capabilities are standardized across the world which reduces risk and cost, and improves quality.

Size
Fujitsu is one of the largest IT Services companies in the world, enabling us to provide the capacity and experience to undertake large multinational projects.

Capability

Fujitsu has developed a large number of capabilities over the last 20 years, which now means we can modernize in excess of 95% of applications we encounter.

AMA
Application Modernization Analytics

A consulting and discovery service that examines an organizations current application portfolio with the view to developing a roadmap outlining the most suitable and feasible options for modernization of each application. If required will include investigation of the donor applications, Source Code Analysis etc. to understand the intricacies of the application prior to modernization.

AMM
Application Modernization Mainframe

A modernization service specifically aligned for mainframe migrations. There are many services included in AMM, from re-hosting your mainframe applications on .Net (NetCOBOL for .Net) to the full migration of the application from COBOL, Transact or RPG in to VB.Net or C# (Fujitsu PROGRESSION).

AMD
Application Modernization Database

A service that covers all your database modernization requirements, from migration (for example DB2 to SQL Server) to data cleansing.

AMOS
Application Modernization Open Systems

If your applications are locked into a specific vendor or technology we have services and tools aligned to target a migration to an Open Systems environment. For example, migration from Micro Focus COBOL to Fujitsu NetCOBOL which can eliminate can runtime license charges.*

AMC
Application Modernization Cloud

If your target environment is cloud, our services can enable even legacy applications to be hosted on the cloud. We can make sure the cloud environment is right for your business requirements, whether it be private, public or hybrid.
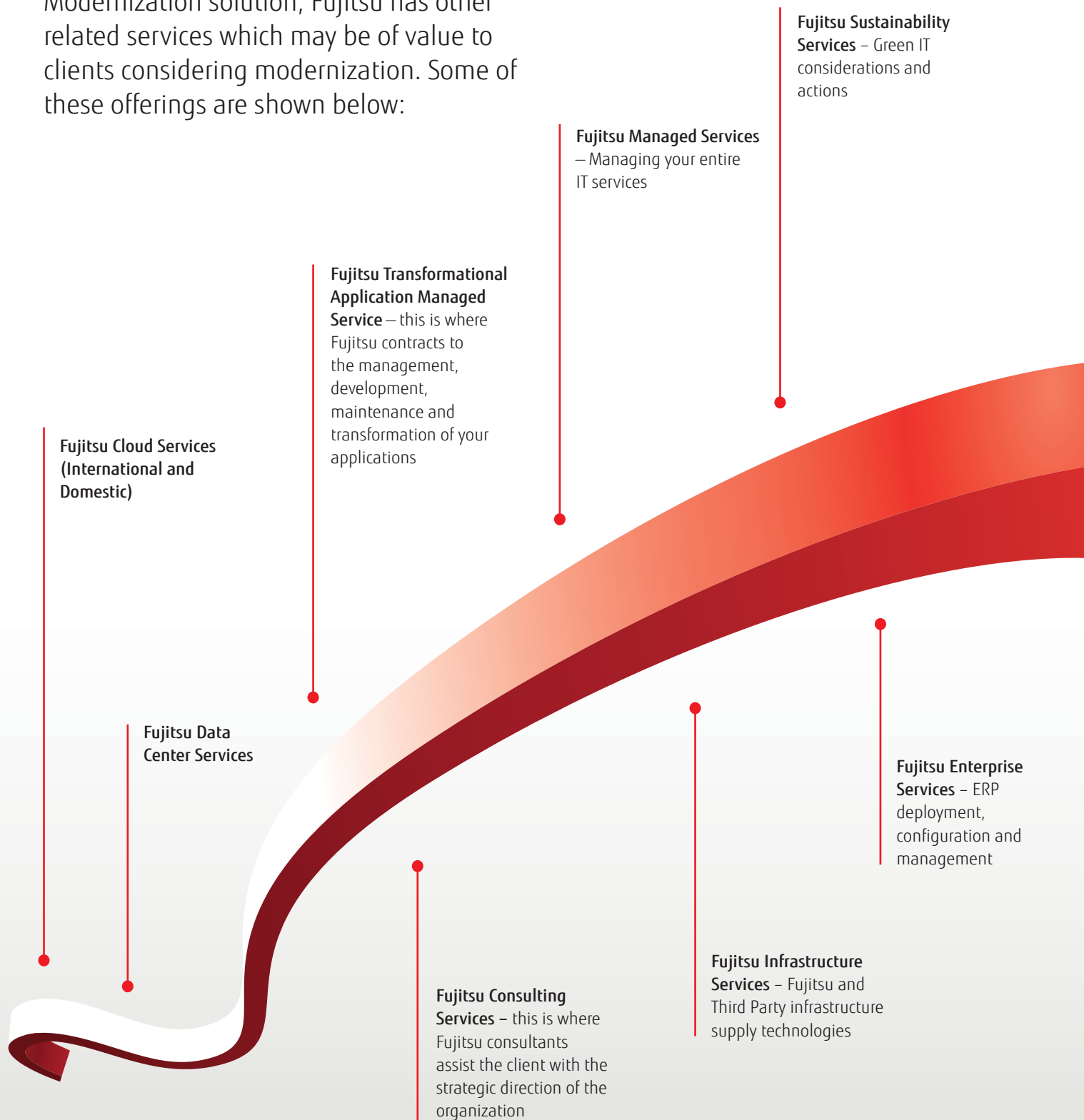
AMI
Application Modernization Integration

A service to enable any application, be it green screen, bespoke, COTS, etc. to be fully integrated with any other applications and front ended on mobile, tablet and web. A cost effective and quick way to provide new business processes across any applications.

* Please note, runtime charges may apply for Japanese Operated Companies.

Value Add Offerings from Fujitsu

Although not part of the Global Application Modernization solution, Fujitsu has other related services which may be of value to clients considering modernization. Some of these offerings are shown below:

Fujitsu Sustainability Services – Green IT considerations and actions

Fujitsu Managed Services – Managing your entire IT services

Fujitsu Transformational Application Managed Service – this is where Fujitsu contracts to the management, development, maintenance and transformation of your applications

Fujitsu Cloud Services (International and Domestic)

Fujitsu Data Center Services

Fujitsu Enterprise Services – ERP deployment, configuration and management

Fujitsu Consulting Services – this is where Fujitsu consultants assist the client with the strategic direction of the organization

Fujitsu Infrastructure Services – Fujitsu and Third Party infrastructure supply technologies

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