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Application Optimisation

With over 25 years experience in providing network and application services, Instalec understand that the applications within your environment enable you to deliver services both to internal and external customers. With the proliferation of web based applications there are a number of challenges you face in ensuring they are available, secure and delivered at speed to a number of devices and locations. This application delivery should not be hindered by the network, current infrastructure or the size of the application.

Instalec have developed a number of services which address common issues our customers face in the delivery of web based applications.

Availability

The availability and performance of your applications relies on a number of factors which include the bandwidth available, the current server infrastructure, the capacity and performance of the network and the security layers in place. The availability of the application is therefore reliant on this complex and resource heavy combination of resources which must work in tandem at their optimum level to ensure the applications are delivered successfully. If any one of these factors fails then the application suffers as does the service you provide.

With our combined experience in all of these areas, Instalec can ensure your applications are highly available whilst giving you the ability to prioritise application delivery based on security, speed and performance.

Security

The protection of your applications, both internally and externally, is a constant challenge with new threats and methods of accessing data emerging. With the demands of application users to quickly and securely access data inside and outside of your physical environment there is a balance between secure access and availability.

Instalec are able to provide safe passage for your web applications over your network, whilst eliminating the need for costly infrastructure, safeguarding against unauthorised access and attacks whilst increasing the security levels and speed of the application.

Performance

The performance of the applications can be hampered by a combination of security and infrastructure components in your environment. Poor performance can lead to poor customer satisfaction and the loss of business, whilst consuming valuable IT resources in trying to resolve them.

A typical scenario which impacts application performance is the ability to load balance across servers, without having to invest in identical server infrastructure.

Instalec have the ability to load balance across multiple servers whilst increasing the performance of your applications and reducing bandwidth consumption which will save you money. We will ensure that access to the application, regardless of your location, is fast and uses fewer resources.

Our approach

Instalec will help you assess the benefits of web application optimisation to ensure that they deliver measurable business value. Our approach uses a combination of services which include;

- Application performance assessment – which applications are underperforming, why is this and what impact does that have on your service?
- Infrastructure assessment – which elements of your current infrastructure are impacting application delivery, why is this and how can this be rectified?
- Security assessment – how secure are your applications and data to attacks and how can application optimisation address these?
- Proof of concept – Once the requirements have been assessed we can deliver a proof of concept service which measures the benefits of application optimisation which will enable a business case for implementation to be developed.
- Design, test and implementation – We will take you through the stages of success full deployment which will deliver the benefits stated in the business case.
- Management and support – We can remotely monitor and manage the performance of your applications to ensure they are available, secure and performing.
- Training and skills transfer – We can provide authorised training for your staff as well as a skills transfer programme to ensure they have the skills required to manage the optimised environment.

Let Instalec help you to ensure the fast and secure delivery of your applications whilst ensuring their high availability.

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