

PaaS - Platform as a Service

How the PaaS model can contribute to your business

In common with the NetEDI paradigm, our services are built on the 'Platform as a Service' model. All of the necessary components that an Enterprise requires are catered for – High performance hardware, failover cluster, backup services, high-availability and system security. A complete platform is provided that eliminates the need for company-owned hardware and software. Building your B2B (Business-to-Business) relationships in this way saves on time and resources, PaaS is a group of services that abstracts application infrastructure, operating system and middleware. It removes the need for local hardware and software installations when fulfilling your B2B operation. It means an organisation can free up the IT department from configuring physical servers or maintaining software within the local environment.

Service Model Delivery

PaaS is provided as a service— you can use it online without the need to ever install, upgrade or host, it means that PaaS is provided on-demand in ways that support essential characteristics for cloud computing. It is elastic, it can be scaled up and down quickly based on the users requirements. It also takes advantage of a shared pool of powerful hardware resources to handle surges. PaaS developers such as NetEDI are able to deploy their (Software as a Service) SaaS in a way that consumers only pay for what they use.

Since the beginning, the PaaS paradigm has increasingly meant huge implications for both software vendors and users. Prior to the emergence of PaaS, the term “cloud computing” was largely synonymous with hardware and infrastructure services. The SaaS segment had traditionally been dominated by giants like Google and Amazon although with PaaS, system integrators are able to enter the space with cloud-enabled technology. In essence, PaaS is the key factor that brought customisable software to the cloud.

PaaS is readily distinguished from traditional web platforms, which require installations, uploads, download's and managed hosting. The term 'as a service' means that vendors are able to provision and actively manage instances of the platform on demand as required—it's no longer necessary to coordinate with the IT departments or manage the underlying servers.

PaaS (Platform as a Service) can help organisations in several ways :

Improve time to market with minimal capital expenditure

PaaS can significantly reduce the time to market by leveraging a PaaS vendors experience and expertise who can provision the necessary software applications and hardware requirements in a short space of time.

PaaS (Platform as a Service) can help organisations (continued)

Scalability

Scalability is a key consideration when meeting the requirements of the larger Enterprise. PaaS platforms are designed to support high levels of performance that are capable of handling ever increasing volumes of transactions in a modern e-commerce environment.

Lower costs

With PaaS, a business doesn't need to provision and maintain its own infrastructure and applications and local support teams to manage it. PaaS has been shown to reduce costs by more than half and in some cases improve return on investment (ROI) by more than 700 percent.

Lower risks

PaaS implementations inherently reduce the risk involved to an organisation because common functions and implementations are already tested and running live over a period of years.

Rapid prototyping

PaaS provides capabilities for software developers to create and deploy concept applications in the cloud for their customers. It provides a way to demonstrate results faster to end users.

Higher security and interoperability

With the diversity of security threats, protecting against attacks should be handled as a priority. A PaaS offering provides continual security updates for individual stack components as they are issued.

Moving to PaaS with NetEDI

Utilising the NetEDI PaaS can pay dividends for your organisation, it would help significantly reduce costs and also allow you to focus on your core business objectives whilst the NetEDI experts look after the day to day management of your B2B system.

The NetEDI service offering is an all encompassing solution that will enable your business to meet the full requirements of all of your B2B trading needs. It means that by making a single connection to the NetEDI service a client will enable electronic trading relationships with all of their business partners. The NetEDI community is growing with increasing numbers of industry leading companies reaping the cost and service benefits of outsourcing to a fully qualified managed service provider.

For more information on our Managed Service contact the Sales team on **01772 977781**, or email **sales@netedi.co.uk** for more information