

# PROLINX

› Secure, Simplify, Collaborate

## PLATFORM AS A SERVICE (PaaS)



**SUITED FOR** - Customers whose business value is at the application and service level and have limited resources available to provide the design, develop, deploy and support of the virtual workloads up to and including the operating system and/or development platform.

**AVAILABLE/ACCREDITED AT** - OFFICIAL, OFFICIAL SENSITIVE AND SECRET levels.

**CONNECTIVITY TO** - MOD Core Network (Official Sensitive) (MCN(OS)), Public Sector Network (PSN) and Public Sector Network Police (PSN-P), MOD Core Network (Secret) (MCN(S)).

### The Overview

The Prolinx Platform as a Service (PaaS) provides Operating Systems Environment (OSE) on top of the base layer Infrastructure as a Service (IaaS) offering. This includes the configuration, hardening and support of the full OSE which includes anti-virus, patching, monitoring, identify and many other services. This means the customer only has to be concerned about the application layer and will get full support from the Prolinx engineering team to on board, configure and integrate their applications. This also includes fully managed container capabilities ensuring customers can fully embrace DevOps approaches without worrying about the underlying platforms.

- Drive down Total Cost of Ownership and burden of technical refresh of hardware
- Provides customers with assurance of essential patches and updates to secure environment
- Predictable OpEx Cost certainty aids budgeting and planning
- Enables the alignment of resources to business needs, especially where infrastructure demands may not be initially transparent
- Solution designed to deliver optimum performance to compliment customers strategic business goals
- Underpins organisational expansion through scale up provisioning
- Underpins the foundations for business continuity with built-in redundancy (N+1) Disaster Recovery environment, strengthening business resilience capability
- Optimised security safeguarding by specialists of business critical operating environments
- Service Desk monitoring enables pro-active demand management notification for potential capacity threshold breaches
- Secure remote access for development

For enquiries, please contact the Prolinx Sales Team

W: [www.prolinx.co.uk](http://www.prolinx.co.uk)

E: [contact@prolinx.co.uk](mailto:contact@prolinx.co.uk)

T: 0330 180 0000

Prolinx PaaS is offered under the assumption that the OS is deployed on the Prolinx IaaS offerings and utilising the standard catalogue items (small, medium, large or extra-large Virtual Machines). These are purchased in the offered environments of Test & Development (T&D), Pre-Production (Pre-Prod), Disaster Recovery (DR) and Production (Prod)/User Acceptance Testing (UAT).

Our high-performance Security and Information Event Management (SIEM) solution provides real-time situational awareness, combined with robust OS security patching, latest AV and Malware protection ensures the platform is secure and stable.

The final build will be hardened by Prolinx technical engineering staff prior to consultation and acceptance testing with the customer to ensure all products are consistent and supportable. Any requests for changes or customisation to the service, once operational, will be subject to the Prolinx change control process and managed as per ITIL best practices.

### Included in the PaaS physical service is:

- Everything included in Prolinx IaaS
- Automated installation and configuration of a secure Operating System
- Operating system hardening and connectivity to an identity provider for engineering access
- Compliance monitoring and rectification should any key files be changed
- Automated patching and patch remediation within agreed patch windows
- Emergency patching as and when required (vendor released security patch not customer)
- Management information for monthly service reports
- Identity management solution for service accounts and 2 x engineering accounts (Active Directory)
- Monitoring
- License procurement and management (where permitted)
- Service desk support and response/fix to agreed service level
- 1 x total server rebuild to hardened Operating System per month
- 1 x Snapshot per month
- No overcommit on memory
- 80GB OS Hard Disk per workload

### Prolinx Virtual Machines Service Models

Prolinx Virtual Machines are the baseline IaaS offerings for customers wanting to purchase virtual hardware (compute), storage and network capacity. The offering is managed up to and including the OS by Prolinx specialist Service Desk 24/7/365 capability. Prolinx PaaS is offered in four defined Virtual Machine builds:

<b>Small</b>	2CPU 4GB RAM 80GB storage	<b>Large</b>	8CPU 16GB RAM 80GB storage
<b>Medium</b>	4CPU 8GB RAM 80GB storage	<b>Extra Large</b>	8CPU 32GB RAM 80GB storage

Virtual Machines may also be custom configured with the purchase of additional resources, pricing is available on application.

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