Secure
Simple
Savings

**oplon®**
SECURE ACCESS

Replace the hazardous VPNs

Why choose OSA?

Oplon Secure Access is the only solution that combines the most important features for protected remote access through a browser: ZTNA, PAM, Remote Web Desktop, MFA, Unified Workspace. Prevent threats, intrusion and the spread of viruses on your corporate network.

Web Application

Easily add an additional layer of security to your company's web applications by adding OSA Multi Factor Authentication (MFA) without any modifications. No plugins, no integrations, all transparent. The Oplon Secure Access virtual appliance prepends to your applications and allows you to select which services or parts of your services require multi-factor authentication. Oplon takes care of everything else.
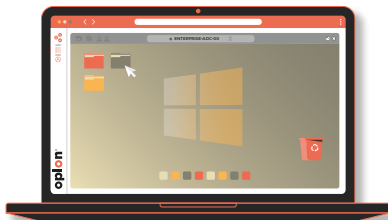
Remote Desktop Service Access

Simply using a browser log in directly to the desktop or to individual applications based on profile and permissions assigned by the manager. Integration with Active Directory or other pre-existing identification systems provides single password access to all authorized services thanks to Oplon MFA impersonation based technology. Simplified and safe access to the desktop from anywhere!
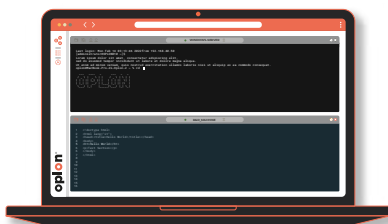
Remote Shell Service Access

Access SSH services through a browser with a simple click using built-in strong MFA and without the need to re-enter credentials. Credentials and associated access are managed by OSA without users knowing them. Functionalities like copy, paste, drag and drop file transfer, are all done through the browser without the need for other programs, often uncontrolled freeware or opensource software, that can be potentially unsafe. As an additional security measure, all user actions down to the keystrokes are logged and stored by OSA leaving an unmodifiable and undisputable audit trail.

OSA COMBINES KEY SECURITY PRINCIPLES

ZTNA
Zero Trust Network Access

Identifies and authorizes all users before accessing the corporate perimeter.

PAM
Privileged Access Management

Protect the administrative access credentials and track all their activities.

MFA
Multi Factor Authentication

Secure authentication and authorization using multiple factors.

UNIFIED WORKSPACE

Publish applications, consoles and desktops only to authorized users, on Web interfaces, safe for the internet.

OSA FEATURES

Reduced virus and ransomware threats

VPNs allow the user's device to join the corporate network thereby placing the network at risk of viruses and ransomware that device may have. OSA grants users access via the browser keeping the potentially infected device off the corporate network while allowing the user access to their work environment.

Simplified user experience and lower IT costs

Oplon Secure Access simplifies the user experience as the only tool needed is the browser. No need for VPN clients and gateway configurations that often require IT assistance. IT and Security organizations can focus more on critical initiatives spending less time on installing, maintaining and supporting VPN clients.

Secure and simple password management

Oplon Secure Access eliminates the practice of maintaining passwords in files or worst, in notebooks or stickies. Oplon Secure Access manages centralized and authenticated access for any user to: internal secure WEB services, Remote Desktop and Remote Shell via SSH. The credentials remain protected inside OSA's credentials vault and access can be granted, revoked or even time-bound by the administrator.

Visibility of all user actions

Oplon Secure Access tracks all the operations performed by the user down to the keystroke. Unlike the case with many VPNs where actions can be deleted and untraceable, Oplon Secure Access provides full visibility to those actions because all actions are saved as they pass through OSA. This functionality enables your organization to be GDPR compliant for root or administrative accesses on Linux / Unix devices or otherwise accessible via SSH.

Reduced "Shadow IT"

Many users, especially more technically inclined ones, often use unsanctioned third party products that do not provide any protections and often save user credentials. Since access with Oplon Secure Access is facilitated through the browser using a single password with multi factor authentication, users only allowed to use the applications granted to them.
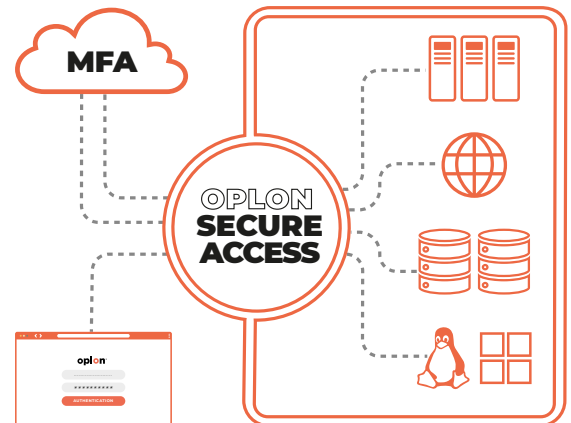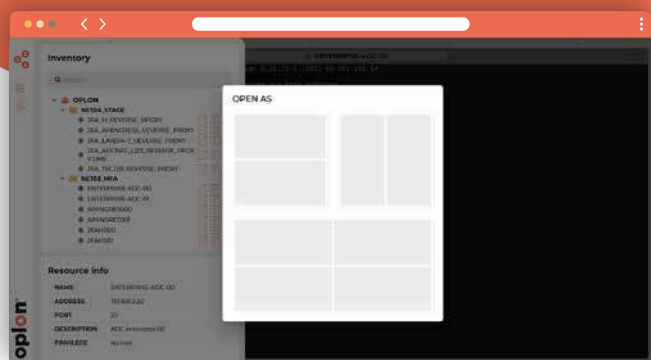
Oplon Secure Access allows you to log in safely and access everything you normally use all via the browser!
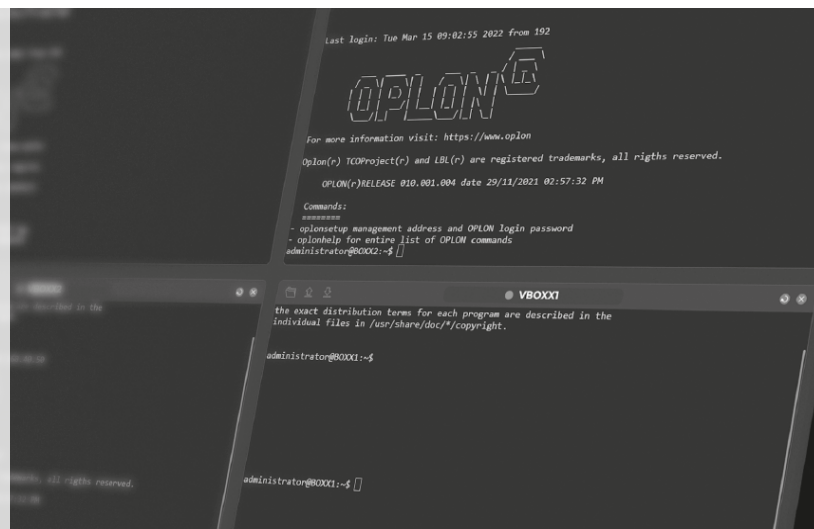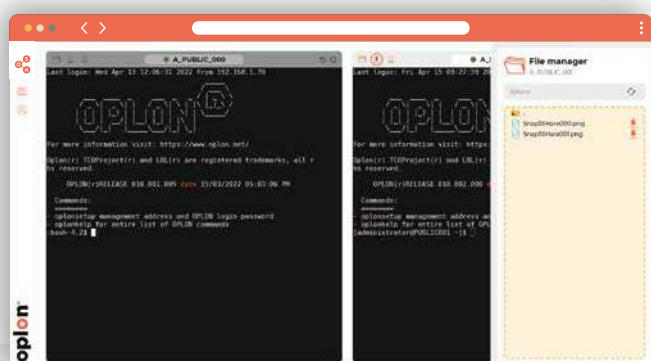
Access Rights

The user will have access to a set of resources predetermined by the manager. These resources can be grouped into logical contexts such as the network topology, or can be grouped by service areas such as e-commerce, restricted areas. This allows you to authorize the user with a specific profile, from the very beginning, exclusively to a set of applications of its competence, applying the criteria of the Zero Trust Architecture and to revoke it when they are no longer necessary, avoiding leaving "doors open". It also facilitates understanding the infrastructure, simplifying your maintenance as much as possible and avoiding authorization errors.

Usability and Accessibility

The layout of the work sessions on the web browser is aided by the Layout Manager that allows you to tile windows. The user is able to increase their productivity by organizing the work area as they see fit, moving from one context to the other with a click and zooming and resizing applications that could otherwise not be natively. Oplon Secure Access provides the same usability that the browser makes available for interfaces on Windows and Linux. To increase the characters just press 'CTRL +' and 'CTRL –' to decrease them.
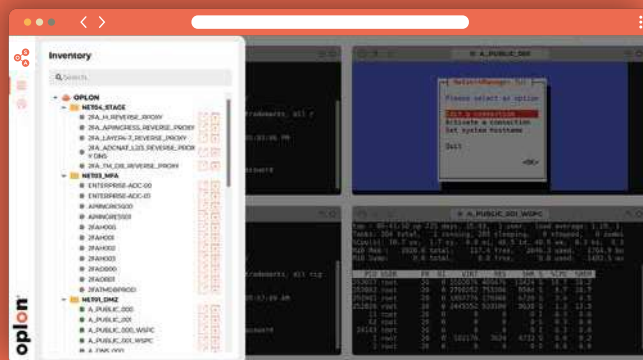
Copy & Paste

The 'copy' and 'paste' function has been carefully designed to ensure the same experience as other widely used tools but with added security. To 'copy' simply select the desired text and to 'paste' use the right mouse button (or from the keyboard using the combination of CTRL + Shift + V keys). The OSA difference is that the copied text is not accessible for reading on the clipboard providing an extra layer of security.

Upload & Download

Upload and Download have been made simple and contextual. Just select the File Manager icon of the session of interest to open a menu that will allow you to browse the file system, upload files with a simple 'Drag and drop' and remotely download files locally. Simplicity and security, all transfers and all operations are tracked on the centralized database available to appropriate Supervisors.
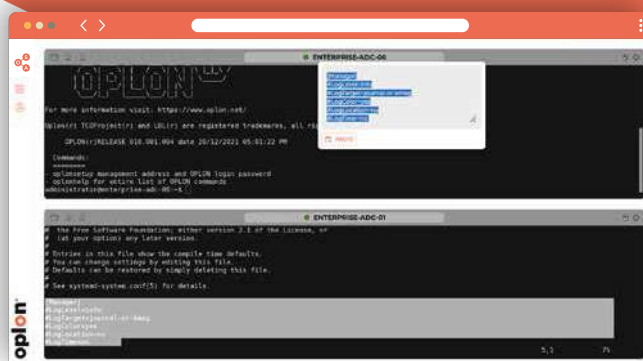
Multi Factor Authentication

Oplon Secure Access includes a high security MFA platform, the user is securely identified with a second authentication factor chosen from an App for your smartphone (Apple / Android) with biometric recognition, the safest on the market today, or via email.
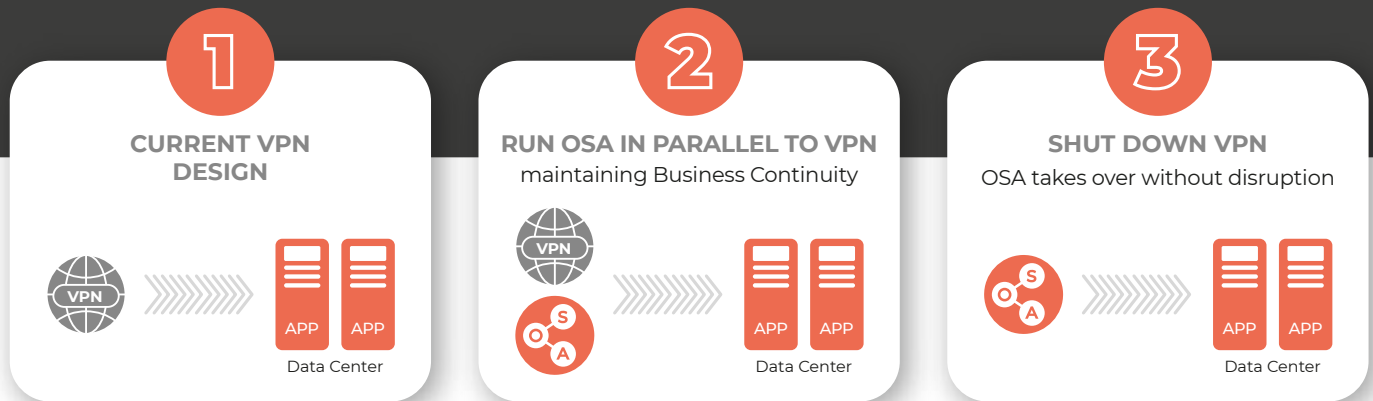
OSA: WHO IS IT FOR?

Oplon Secure Access is for all companies and organizations who are looking to provide remote, secure access to their information systems without the risk and overhead costs of traditional VPNs:

- Remote / Hybrid Workers
- System Engineers and IT Administrators
- Software Developers
- External Users, Consultants, Customers, Citizens
- Managed Service Providers
- Cloud & Hosting Providers

EASILY REPLACE A VPN WITH OSA

1
CURRENT VPN DESIGN

Data Center

2
RUN OSA IN PARALLEL TO VPN
maintaining Business Continuity

Data Center

3
SHUT DOWN VPN
OSA takes over without disruption

Data Center

OSA: TECHNICAL DATA

Product	SSL TPS	vCPU	RAM
Oplon Secure Access X1	1.500	2 vCPU	7 GB
Oplon Secure Access X3	3.000	3 vCPU	9 GB
Oplon Secure Access X10	10.000	4 vCPU	12 GB
Oplon Secure Access X30	32.000	6 vCPU	12 GB
Oplon Secure Access E.0	contact sales for enterprise sizing.		

* Additional MFA and Remote Access Gateway users can be added to the subscription later

** All products are virtualized and usable in Cloud and Hybrid Cloud

oplon®

Oplon Networks is a computer engineering company founded in 2010. The mission is to create products and services to ensure High Reliability and safety at an infrastructural level in the provision of services, with extraordinary quality standards. Excellence is our first goal!

For this we create cybersecurity tools and integrated solutions to preside over modern Data Centers, Networks, Clouds and Hybrid Clouds.

Data and features may change at any time without prior notice.