Alcatel·Lucent Enterprise

XENIUM

WOD certified with OmniAccess® Stellar WLAN



The WOD (stands for Wifi On Demand) solution was created to reduce the time of exposure to electromagnetic waves of Wifi access points.

The WOD solution allows users to activate WiFi in an area for a period. Activating Wifi is as simple as turn on the light. At the end of the allotted time, the Wifi cuts out automatically.

Integration Overview:

The WOD solution allows to manage the WiFi waves emission. In each room of a building, a button allows users to activate Stellar WiFi APs on demand to:

- Limit the diffusion of WiFi waves to a defined duration
- Keeping control of a WiFi architecture
- Facilitating the use of digital tools
- Respecting departmental recommendations and the precautionary principle
- Benefit from a unique offer

Integration Details:

The WOD solution is composed of the following items:

- A request item. It could be a physical request button or thru GUI in a website
- A server that handles all requests and interact with Wi-Fi access points / NMS / Wi-Fi Controllers

The typical deployment case is to disable all access points in the building. When a user needs to use Wi-Fi, he requests Wi-Fi (with a push button for example), the server handles the request, identify the access point(s) to cover the area with Wi-Fi, enables radio for this/those access point(s) for a determined period. When the period is over, the server disables radio for this/those access point(s).

The WOD solution allow customer to keep all access points running and manageable while the Wifi radio is disabled. Network management team is able to manage access points while persons in the area are not exposed to WiFi waves when there is no need to use Wifi.
The WOD solution makes it possible to control/reduce time of exposure to electromagnetic waves of Wifi access points.
The WOD solution makes it possible to comply with the French law (loi Abeille) and respond to digital school projects.

The WOD solution allow creation of multiple buildings and areas. Each area may contain one or multiple Wifi access points and can be controlled by one or multiple request buttons, software or hardware buttons.
The WOD solution allow creation of multiple timers. Each area may use its own timer for Wifi activity. User can extend timer with a new Wifi request at any time.

In addition to timer based Wifi Actvity, WOD allows also to turn ON or OFF Wifi in a specific area.
The WOD solution provide a scheduler that allows to start and stop Wifi for a specific area on daily or weekly basis.
The WOD solution provide monthly reports of Wifi exposure / Wifi usage area by area.

Technical Details:

Environment	
Partner	ALE
• WOD 2007.20	• OmniAccess Stellar 4.0
• WOD 2007.09	• OmniAccess Stellar 4.0 • OmniVista 2500 4.5 • OmniVista Cirrus 4.5

Supported APIs/Protocols
• HTTPS

For technical support, contact:
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Company Overview:

Xenium Technologies develops and delivers innovative solutions for Niche Markets.
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