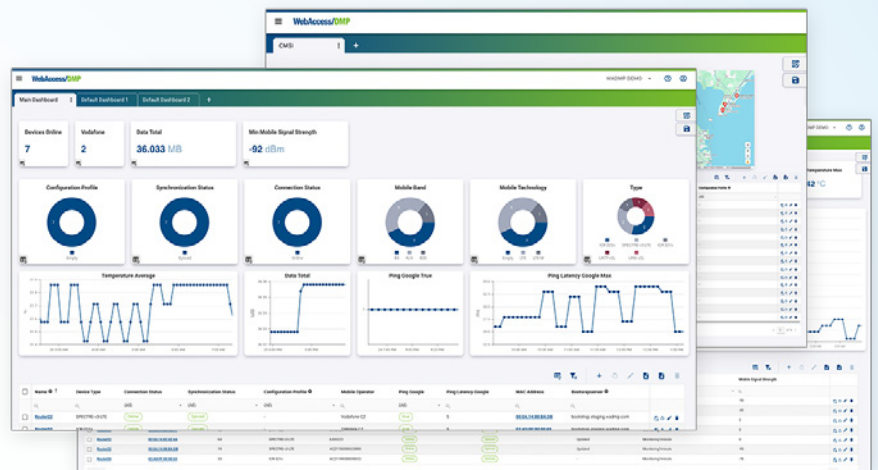# WebAccess/DMP

INDUSTRIAL NETWORK MANAGEMENT
POWERFUL, FLEXIBLE, AND SECURE

- Centralized management for routers
- VPN management
- Digital twin model
- Zero touch functionality
- Customizable and multiple dashboards
- Monitoring and auditing
- 2FA extra security layer
- Fully API Enabled

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WebAccess/DMP

WebAccess/DMP provides **centralized management** for your routers, allowing **remote configuration** and **monitoring** with **customizable dashboards** and **alerts**. It enhances security with **two-factor authentication** and **PKI encryption**. Complementing this, **VPN Management** simplifies network connectivity by **automating VPN setup** across diverse networks. Leveraging **WireGuard VPN** for its speed and security, it streamlines network management with features like **zero-touch provisioning**, flexible router grouping, and independent interface settings. This integrated solution **enhances network security**, **simplifies operations**, and **empowers businesses** with **greater control and visibility** over their network infrastructure.

APPLICATION EXAMPLE
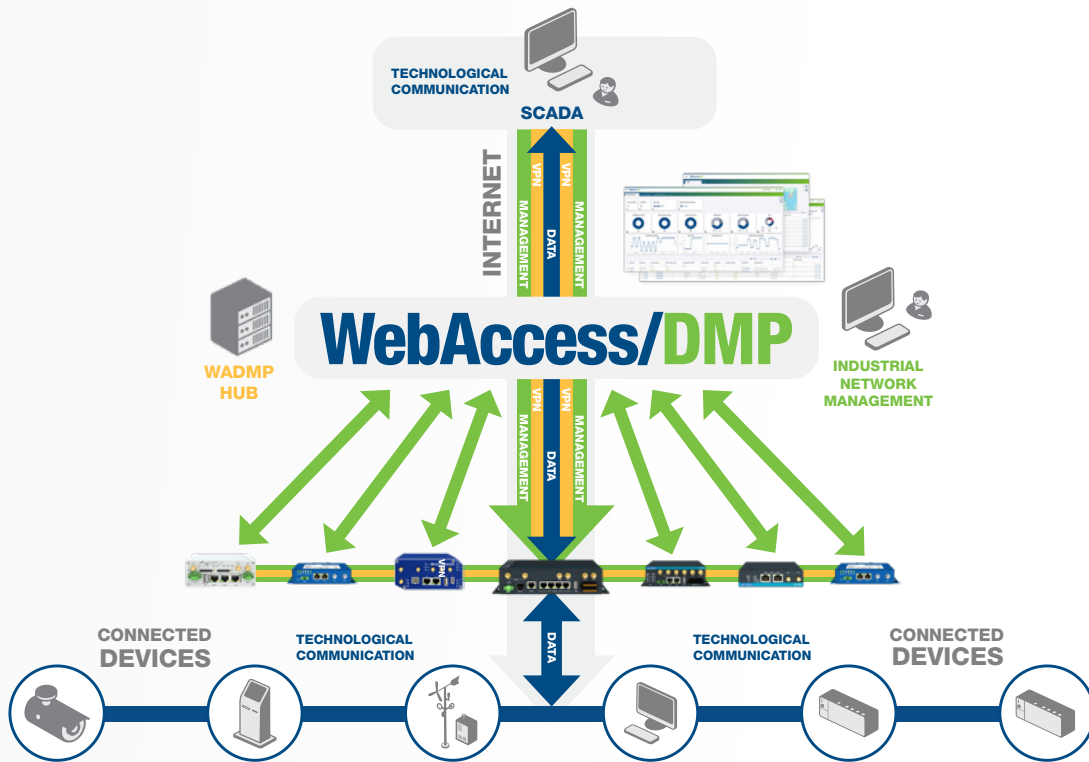
TRANSACTION MANAGEMENT

Region: EMEA
Product: ICR-2000, ICR-4100, **WebAccess/DI**
Application: On-line transactional networks for national lotteries

- Dual SIM failover capability
- Support of Multicast
- DMVPN / GRE tunnels support
- Automatic mass update of configuration and firmware update
- Management and monitoring missions **WebAccess/D**

BUSSINESS MODELS

CLOUD

- Subscription based
- Pricing: Monthly subscription based on the number of devices.
- No need for in-house server infrastructure.
- Scalable – easily add or remove devices as needed.

ON-PREMISES

- One-time upfront payment.
- Software installed on the customer's own servers.
- Full control of infrastructure.
- Suitable for businesses with strict regulatory or security requirements.
- Requires internal IT resources for maintenance, updates, and security.

INDUSTRIAL ROUTER NETWORK MANAGEMENT

POWERFUL ⚡

VPN Management
Simplifies secure connectivity for critical industrial networks by automating router configurations, leveraging WireGuard VPN for high-speed security, and supporting flexible deployment with VPN RoadWarriors access.

Digital Twin Model
Every device has its virtual counterpart within the application. This enables continuous monitoring and management of real and virtual devices configured identically.

Configuration Profile Management
Easily create and assign configuration profiles with settings like firmware versions and RouterApp lists to one or many devices. Compare profiles to spot differences.

Ping Tools
Check the health of your systems with unlimited ping monitoring that shows real-time status and latency. Quickly spot network issues before they disrupt performance.

Efficient Data Handling
The application facilitates the export of router parameter tables to CSV files, enabling adjustments and subsequent importation back into the system.

Zero Touch Deployment
Configure devices remotely without needing to be on-site. Pre-set configurations are applied automatically when a device connects, keeping everything updated.

FLEXIBLE ◯

Customizable and Versatile Dashboard
Users have the freedom to design dashboards to align with their specific requirements. The dashboard's information scope and visual appearance are highly flexible, offering nearly limitless combinations.

Multi-Dashboard
Users can create multiple dashboards, each with its unique design. The flexibility extends to copying, editing, and arranging these dashboards as per the user's preference.

Multi-Tenancy
Hierarchical relationships allow parent companies to have child companies under their umbrella. This structure can extend to multiple levels without limitations.

Monitoring Customization
Users can also selectively choose parameters for monitoring based on their preferences, helping to save data by only collecting data for parameters that are of interest to the user.

Geographical Mapping
For routers equipped with GPS modules, the application offers the capability to display their geographical positions on a map within the dashboard. Users can easily identify the location of a router in case of need.

SECURE 🛡

Two-Factor Authentication (2FA)
For added security, users can implement Two-Factor Authentication (2FA) to enhance the authentication process and protect user accounts.

Auditing
All activities, including alerts, API usage, billing, device management, and user actions, are carefully logged and available for review.

Fine-Grained Permission Control
Users can have customized access based on their role within parent or child companies, allowing for precise control over permissions.

Alerts
Set up alerts based on any monitoring or configuration parameter. For individual devices or across an entire device network.

PKI for Mutual Authorization
Our application employs PKI (Public Key Infrastructure) for mutual authorization between routers and the application. This robust security measure ensures the integrity and security of communication between devices and the system.

WebAccess/DMP

is a 24/7 SaaS (Software-as-a-Service) platform with no setup costs or commitments.

Just sign up at www.wadmp3.com to manage up to 5 devices for free no time limits, no payment details required, and unlimited users. For organizations needing local deployment, the platform is also available as a bare-metal on-premises solution.

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Netherlands | Eindhoven
31-40-267-7000

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Kadima-Zoran	072-2410527

Turkiye
Istanbul	90-212-222-0422
Bursa	90-850-840-3995

WebAccess/DMP

COMPATIBLE WITH v2, v2i, v3 AND v4 FAMILY OF THE ADVANTECH CELLULAR ROUTERS & GATEWAYS.

v1
ICR-16xx, ICR-17xx

v2i
ICR-2xxx

v3
ICR-3xxx, SmartFlex, SmartStart

v4
ICR-44xx

v4i
ICR-41xx, ICR-42xx

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April 7, 2025 2:33 PM