



CAS

Cloud-based Authentication System

Improving **User Experience**



Cloud-based authentication system (CAS) is a multi-tenant solution that provides a tailored Captive Portal for different authentication methods and user profiles, ensuring user and usage analytics/reporting.

Authentication

- Login and password registration
- Self-provisioning through SMS or email confirmation
- Facebook and Google Authentication
- MAC Address authentication
- Configurable Captive Portal with different layouts according to different group requirements
 - Each captive portal can be configured with their own background image, logo, form and login type
 - Portal preview to check configured settings in real-time
- Push Login/Automatic Re-Authentication
- HTTP/HTTPS support authentication

Policy

- Multiple Service Profiles with firewall integration
- Internet usage monitoring
- Data traffic and bandwidth management according with different groups
 - Configurable bandwidth (Download and Upload)
 - Configurable Time of session (voucher)
 - Different Data usage limits
- Configurable Whitelist according with different groups
- User session kick per group and/or per portal
- Configurable walled garden

Analytics

- Configurable Dashboards for different managing roles, with data from different portals
- Real-time and history:
 - User heatmap (online users, data usage)
 - User mobility statistics
 - Loyalty
 - Session statistics
 - NAS top usage
 - Network statistics
 - Configurable alarms
 - Device Fingerprint (Browser Language, Device type, Device Model, Vendor, OS Name, OS Version)
 - Landing page analytics

Other characteristics

- Multi-role permissions
- Multi-tenant system
- Multi-vendor compliance
- API for third party integration
- Integrates with FIAS protocol
- Fully responsive and mobile friendly
- Inventory management
- Configurable landing page
- Email alert reports
- Multiple languages (EN,ES,PT)

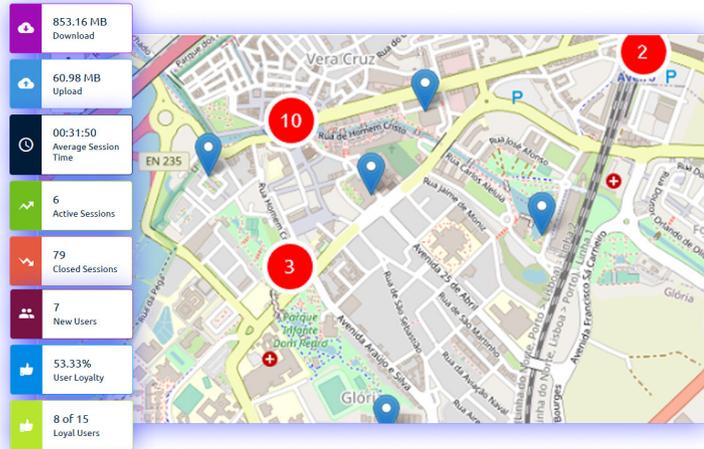
SOME INSIDE VIEW

Online users
6

New users today
7

Captive Bounce Rate
44 %

Landing Bounce Rate
100 %



00:31:28 Average Session Time

5 Active Sessions

80 Closed Sessions

7 New Users

53.33% User Loyalty

8 of 15 Loyal Users



44.00 % Captive Bounce Rate

14 of 25 Authentications

visit Portugal

Free WiFi

Please answer below and press connect

Is this your first visit to Aveiro ?

Yes No

I'm a resident

CONNECT USING E-MAIL

languages: Portuguese x, English x

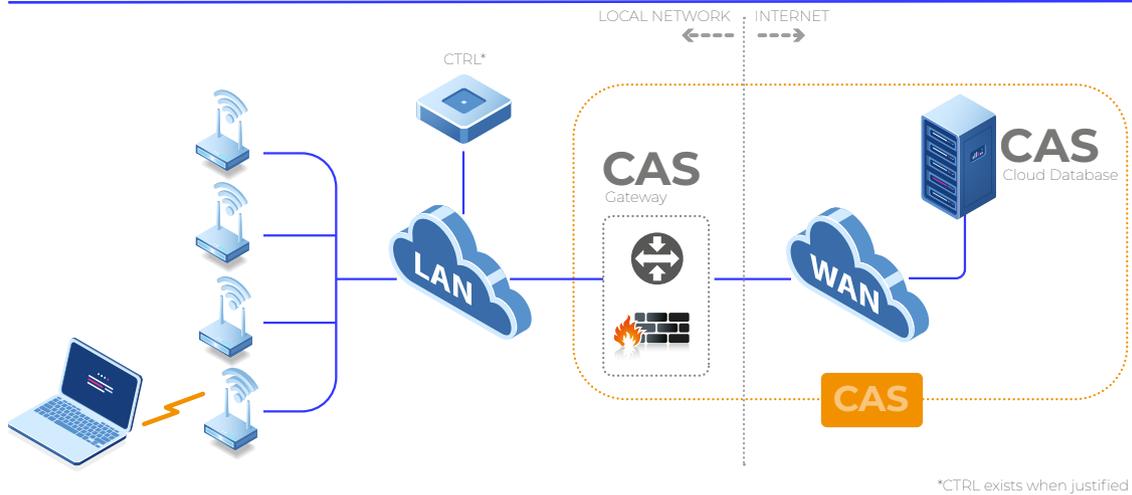
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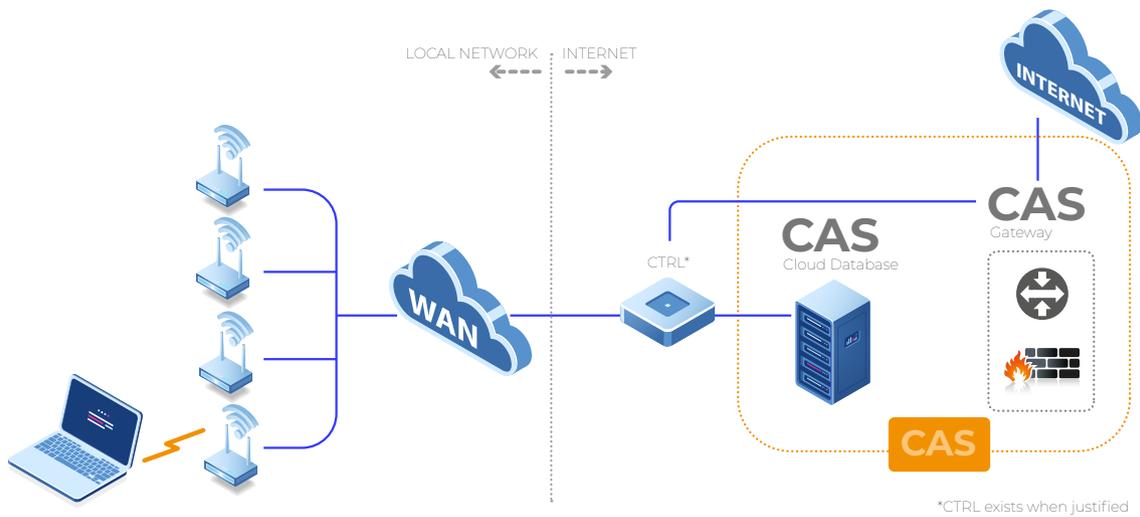
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Local/Cloud Scenario



Cloud Scenario



**"Compliant
with GDPR"**





About Wavecom

Wavecom has been in the field for 20 years with a solid know-how and expertise in wireless and IP-based systems and applications.

We are passionate about communications, namely: connectivity solutions for smart cities, transportation and the internet of things.

What Matters to Us

We understand about the integrators' challenges and our goal is to equip them with the indispensable technology, insights, advice and tools to help them to achieve their most pressing objectives.

We seek to guarantee the satisfaction of our customers through their constant feedback aiming to improve our products and processes.

Why

Because with our capacity for innovation and knowledge of integrator's activity, we believe that we can improve people's quality of life through the products we manufacture.

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NP 4457:2007, ISO 9001, ISO 14001 e ISO 45001:2018

