

OVERVIEW

Azotel™ simplifies the business of delivering telecommunications services. We deliver solutions for everything a wireless Operator needs - other than the radio equipment. The Azotel WISPer platform enables an Operator to deliver carrier grade Broadband & Telephony services using a single box platform (Fig 1) seamlessly integrated with an access network such as Canopy from Motorola's Wi4 range or similar.

Simplification is the key to the Azotel approach. By delivering all the technology via single platform and following a prescribed simple business process, we reduce both the cost and the ability for things to go wrong. This in turn enables the delivery of a quality service to the Operator's end users.

The **AZBCACH** is a caching server in a Box used either standalone or in conjunction with the WISPer platform. It is ideal for deployments behind a slow/expensive internet feed.

FEATURES

Caching is a way to store requested Internet objects (e.g. data like web pages) available via the HTTP, FTP, and Gopher protocols on a system closer to the requesting site. Web browsers can then use the local cache as a proxy HTTP server, reducing access time as well as bandwidth consumption.

AZBCACH is useful for Internet Service Providers to increase speed to their customers, and reduce upstream bandwidth usage - i.e. WebPages are retrieved from the (slow) internet link the first time they are requested, and are then served from the (fast) cache thereafter. Because it is also a proxy (i.e. it behaves like a client on behalf of the real client), it can log a lot of data including URLs requested, the exact date and time, the name and version of the requester's web browser and operating system, and the referrer. This information may be of use when investigating incidents.

When used with the WIB-C it can be configured as a "transparent proxy" using the DNAT features of the WIB-C. This means that no configuration is required by the end-customer - the WIB-C will divert any HTTP requests to the proxy automatically. All that the end-customer will see is a faster response for frequently used web pages.

SPECIFICATIONS

Fanless device

CPU: 1GHz

LAN: 3 x Realtek 10/100

Lan1 – Internet Connection

Lan2 – Reserved

Lan3 – Reserved

Power: Ext 100-240V, 1.6A, 50-60Hz providing +12V

Dimensions: 75 H x 300 W x 263 D mm

Operating Temperature: 0 – 45C

Operating Humidity: 5-95% at 45C, non-condensing



Fig 1 Radius Server

CONTACT

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