

HYDRA

In v u l n e r a b l e I n t e r n e t S e r v e r

HYDRA is a revolutionary server built without an operating system from the ground up to be totally secure. Based on a hard real-time embedded architecture, HYDRA merges the best practices of the embedded world with the performance and features of an enterprise scale Unix server. HYDRA is the ultimate secure server product available today.

CYBER-CRIMINALS, MEET YOUR NEW NEMESIS.

HYDRA does not run Windows, UNIX, Mac OS, Linux, or any embedded variants of these. It is not like any traditional server or computer on the market today.

HYDRA contains everything needed to run a high performance Internet site, such as an HTTP server with FIPS approved SSL/TLS capabilities, an FTP server that can also operate over SSL/TLS, and built in Java capabilities to communicate with an App Server or locally execute JSPs and Servlets.

- **Totally Secure**
- **Fast**
- **Reliable**

Bodacion® Technology
Biomorphic mathematics to secure transactions from the application layer to the transport layer.

Genesis
An object-oriented full-featured programming language developed for maximum performance and security in dynamic Web applications.

Java Virtual Machine
HYDRA's JVM provides compatibility with Java-based applications and JSP Pages.

HTTP Server
Full-featured Web server including support for virtual servers, SSL with RC4 and strong DES encryption.

Software

FTP
HYDRA provides an FTP server to upload content. The server uses a special double-login process to insure security.

Less Heat
HYDRA generates less heat and uses only 1/4 the power of traditional servers.

Hardware

Increased Server Density
A single 3U HYDRA replaces an entire rack full of equipment.

More Reliable
CompactPCI architecture like those found in military and Telco environments.

HYDRA eliminates the security problems and administration overhead of a typical server, while increasing speed (HYDRA will saturate a T3 with Web traffic) and reliability.

Despite its revolutionary design, HYDRA looks like any other Web/App server to the rest of your network, making it simple to deploy in nearly any architecture.

HYDRA was developed by Bodacion Technologies, an engineering firm who combined their expertise in developing embedded systems products for the likes of Motorola with their knowledge and experience gained from developing thousands of award winning eCommerce Web sites. HYDRA represents the first bridge between the embedded world and the enterprise.

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