



NEXSION Products

Highlights

High Performance

Massively Parallel

*Cross-Platform
Compatible*

Highly Integrated

Robust

Reliable

NxWeb

NxWeb is a very high performance web server with interfaces to Pathway and straight IPC. NxWeb currently runs under the Guardian platform and can be interfaced with BASE24 and other packages. NxWeb is written in pTal and C. A full C version will be available in the next release. NxWeb has been benchmarked at over 4000 tps in a single process/cpu. (S86000/100baseT). NxWeb will approach 75k tps on a S86000 running 16 cps, with parallel TCP/IP and multiple gigabit cards. NxWeb supports wireless deployment, with it's high performance it can even be used for wireless streaming video.

NxLib

NxLib is a platform for open application development. NxLib includes a rich library of facilities to make application development quick, painless and robust. Using this platform, multi-threaded applications may be easily created.

NxWeb/SSL

NxWeb/SSL is a port of Open/SSL to the NSK platform. NxWeb/SSL is integrated into NxWeb to provide a secure transaction environment.

Nx8583

Nx8583 is a ISO8583 interface. Nx8583 converts all messages to a standard internal format which is XML based. This is a high performance interface. The design goal for Nx8583 is to exceed 1000tps per process. Preliminary tests show this should be attained on the initial release. Nx8583 has been developed in C to make to support cross-platform compatibility.

NxOLTP

NxOLTP is a high-speed transaction processing system. NxOLTP allows transactions to switch between interchanges. NxOLTP supports TCP/IP and SNA protocols, although other protocols can be supported as required. NxOLTP supports ISO8583, but other interfaces will be developed driven by customer requirements. All command and control systems are browser based.

NxLicense

A flexible package for creating and managing software license keys. Keys may be tied to specific systems, processors, processor types, and dates. Facilities exist for grace periods and demo keys. Keys may also be used to configure software optional features.

*“The important thing is never to stop questioning.”
Albert Einstein*

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