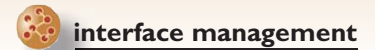




interface management
WEBNAI



use the web to manage interfaces

The *WebNAI*[™] application from The Menon Group brings the ease-of-use of the Web to the GE Centricity[®] Enterprise Network Application Interface (NAI) module. As an extension of NAI, *WebNAI* provides greater control and flexibility for managing interface throughput, correcting errors and analyzing data from the NAI database. What's more, *WebNAI* lets you automatically correct or delete certain errors, distribute error correction to the responsible departments, and notify appropriate staff via email or pager of events that need attention. *WebNAI* frees your staff from manual tasks to make interface management more efficient.

KEY FEATURES

▪ **automate interface monitoring.**

Eliminate the need for operators to monitor logs 24/7 by letting *WebNAI* monitor your interfaces and alert appropriate personnel by email or pager for specified situations, such as thresholds, specific error messages, etc. Enhanced performance graphs let operators see queue depths and compare message error and success rates at a glance.

▪ **analyze errors.** *WebNAI*'s flexible filtering and review capabilities let you display error messages by department, including purged messages, or quickly locate errors for a specific patient across multiple interfaces.

▪ **manage error correction.** With *WebNAI*, error correction is done from an intuitive on-screen form rather than using the Command Line Utility. This eliminates the need for users to understand HL7, makes it easy to see that changes are complete and accurate, and allows error correction to be distributed to user departments.

▪ **manage purged error messages.** *WebNAI* provides a comprehensive audit trail of purged error messages. For example, when departmental users purge error messages from their queue, *WebNAI* maintains an audit trail that includes the user, date, time and reason for the purge. This allows purged messages to remain accessible for further analysis or reactivation, as necessary.

interface function	using webnai	using nai
Monitoring and Alerting	Automatic email, page	Operations staff monitor 24/7
Message Editing	GUI	Command Line Utility (VI)
User Knowledge of HL7	Optional	Required
Filtering of Error Logs	Yes	No
Message Resending	GUI	Command Line Utility
Open Applications	WebNAI	TACL, plus Pathway(s)
User Interface Analogy	Windows	DOS

WebNAI helps you increase efficiency and accuracy across all of your interface management functions, as highlighted in the table above. WebNAI enables sophisticated automation for interface monitoring and error correction that saves time and reduces the need for manual processing.

- **automate error handling.** As in the customer examples below, you can reduce manual processing by letting *WebNAI* handle certain errors automatically. Using standard rules, you can have *WebNAI* resubmit messages to the top of the queue, purge them or inform someone by email or pager. By adding scripts, you can incorporate more sophisticated handling such as automatically correcting and resubmitting HL7 messages.

"I cannot imagine interface error handling for a multi-facility institution without [WebNAI]."

CAROLYN STEUERMANN
SHARP HEALTHCARE

- **oversee interface performance.** Use *WebNAI* to search and analyze all messages in the NAI database, including messages in the queue, waiting to be processed, successfully completed or in the Trace. To speed analysis, HL7 messages are displayed in Tree format and Fixed Buffers from the queue are displayed in FUP HEX and ASCII format. In addition, MINT scripts can be applied to display selected fields from Fixed Buffers.

WEBNAI MODULES

- **webnai base** provides a Web-based user interface for interface error review and correction as well as the ability to apply scripts that automatically correct and resubmit common errors.
- **system monitoring** provides automatic interface monitoring for thresholds and throughputs, notification via email and pager as well as in-depth analysis of interface messages in the NAI database.

- **browser** allows you to search and analyze all messages in the NAI database to pinpoint the source of errors and the content of specific HL7 messages. In addition, Browser provides a user-friendly view of Fixed Buffers to enable precise analysis.
- **purge audit** provides an audit trail of all error messages purged by users, including a reason for the purge, and is used in conjunction with the Browser module.
- **custom message service** intercepts inbound or outbound messages and modifies them in specific ways to resolve certain issues, which can prevent errors from ever reaching the target interface.

SYSTEM REQUIREMENTS

- Guardian® operating system version D30 or higher.
- Microsoft Internet Explorer version 6.0.
- Available for all Centricity Enterprise (Carecast/LastWord) versions.

WEBNAI REDUCES MANUAL PROCESSING FOR THESE CUSTOMERS

- **automatic error correction at sharp healthcare.** Sharp lets *WebNAI* handle a variety of errors automatically. For example, *WebNAI* helps keep the master patient index in sync by intercepting errors related to patient number merges, automatically creating the necessary mini-registration in Centricity Enterprise and resubmitting the messages for processing by the ADT interface.
- **automatic message deletion at uva health system.** UVa takes advantage of *WebNAI*'s automatic error handling. For example, *WebNAI* automatically deletes specific, unnecessary error messages. Because not all systems require the same information updates, UVa allows *WebNAI* to automatically delete certain errors to save interface staff from working those errors manually.

