

CyberGenie Web Interface v3.5

User's Manual



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Credits

Developer

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Testing, Installer and Documentation

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Complete Feature List

Configurability

- Easy windows installer, just run the setup file to copy files, create permissions and add ODBC DSNs.
- Use of template files allow the customization of the interface or easy integration into any existing website
- Full compatibility with CSS (Cascading Style Sheets) to allow easy customization of the visual appearance of the web interface
 - The site.css file included in the templates folder controls the color and style of each component
 - It controls how things look (such as the table header color, the font type and size, backgrounds and even the form fields)
- Flexible setup options
 - Initial web based setup allows custom ODBC source names
 - Initial web based setup also allows specification of non-standard CyberGenie data directory
- Web directory and CyberGenie data directory can be in different locations
- Can specify the default number of records to be displayed per page when viewing the call log
- Option to enable/disable auto refresh and configure time interval between refreshes
- Ability to disable caller-id lookup on Mail page (increases performance)
- Can be setup to use any SMTP server and port number
- The default return email addresses is specified on a per user basis
- The interface can run on non standard ports i.e. other than port 80

Voicemail Notification via Email

- Script can be scheduled to check for new voicemail at specified time intervals and send email notification
 - Can be scheduled with different schedules for each user or to check all users at one time
 - Scheduling is platform independent and can be set up with using virtually any scheduler.
- Ability to send email notifications in HTML or plain TEXT format
 - Choosing the HTML vs. TEXT notification format can be specified on a per user basis
 - HTML notification messages include the details of each new voicemail message and a link to the voicemail web page.
 - Plain TEXT notification messages state that new voicemail is waiting (especially useful for wireless devices such as pagers and cell phones)

While On the Road

- Will work from any operating system platform using essentially any browser, but instructions are for IIS on Windows NT/2000/XP machines.
- If the SMTP server is specified, email can be sent directly from the Address Book (Contacts page) and entirely within the interface without needing to setup any MAPI-compliant email program (i.e. Outlook Express, Eudora, Netscape, etc)

Security

- Both Usernames and Passwords are case sensitive
- Multiple word usernames are supported
- Usernames are unlisted and protected from discovery
- Password/PIN can be changed directly from the web interface
- Visual notification of all events to keep the user updated (i.e. login failure, successful logout)

- Once logged out, you can not get back into the interface (i.e. by using the back button in the browser) until you log in again
- All associated temp files are automatically deleted upon logout
- After installation all unnecessary permissions can be revoked through a shortcut in START menu

Mail

- Add short notes to each voice mail for later review without needing to listen to the messages repeatedly.
- Lists voicemail message length and status
- Displays caller-id information for each message
- Messages will play in your favorite audio application (also works great with the integrated media bar in Internet Explorer 6).
- Provides access to downloading messages in *.wav file format
- Countdown timer until next auto-refresh
- Ability to sort the mail by various fields in ascending or descending order

Contacts

- View/Edit/Add complete contact information including Pronunciation, Speech Recognition, Handset Download, etc
- Ability to send email directly by clicking a contact's email address
- Can toggle Handset Download and Voice Recognition status from main Contacts page
- Ability to sort the Contacts by various fields in ascending or descending order

Call Log

- Quick and Easy navigation of call log via jump-to and next/previous options (using a temporarily cached call log file)
- Ability to display entire log on one page
- Ability to sort the Call Log by various fields in ascending or descending order
- Clicking on a phone number provide details about that number using a free web-based reverse phone number lookup service
- Added the ability to show/hide details in the call log

Administration

- Ability to change all user permissions in the login.mdb file from within the web interface if you have admin permissions
- Simplifies installation because now there is no need for the user to have Microsoft Access on their system when they install this interface
 - Web mailboxes (interface logins) can be added directly from the web interface (available CyberGenie mailboxes are listed)
 - Direct access to the web server is no longer necessary (after ODBC connections are set up)
 - User does not need to use Microsoft Access at all
- Added the ability for admins to disable/enable looking at other user's voice mails

Installation

Prerequisites

- You need a Web server (Tested with Microsoft IIS v5.0)
- You need a PERL interpreter (Tested on ActivePerl, available **free** at <http://activestate.com/Products/Download/Register.plex?id=ActivePerl>)
- You need a CG with version 3.0 (NOT tested with v2.0)

Note: Multiword mailbox names are supported (Do NOT use quotes)

Installation

1. Install IIS, if it is not installed already.
2. Install PERL Interpreter, if not installed already. When you install make sure you accept the option where the setup asks if it would automatically add the PERL file extension to IIS.
3. Now call up the main.pl file in your browser and go through the web based settings.
Ex: <http://www.your-server.com/main.pl>
4. Now login to the web interface with the username: "admin" and password: "password" (both without quotes) and then go to the Admin page on top. On the bottom of the page you will see a complete listing of all the mailboxes you set up in your cg console. All you need to do is create web interface mailboxes by matching the folder id's and give the users appropriate permissions. Now you can change the web interface mailbox names and/or passwords from the admin screen. That's it, you are done!!

Note: Now you can also change the templates in the "templates" folder to change the look or to integrate into another website.

Schedule program to check new messages and email status:

1. Edit the provided cg_auto_email.bat (in c:\Program Files\CyberGenie Perl Web Interface) and fill in the following:
change the cd directory to the path of the cg web directory (ex: c:/inetpub/wwwroot)

u =	After the equal sign put in the mailbox name of the user you wish to schedule the program for.
p =	After the equal sign put in the password of the user you wish to schedule the program for.
cgloc =	After the equal sign and within the quotes put in the actual path to the cg web directory (ex: c:/inetpub/wwwroot)
cghttp =	After the equal sign and within the quotes put in the web URL to the main.pl file (ex: http://www.your-server.com/main.pl)

2. In windows you can use this batch file and schedule it in the Scheduled Tasks icon in the control panel to however often you want.

NOTE: The trick to schedule the program to check for email say for every 10 minutes or so, all you have to do is set the schedule for daily starting at say 12:30 am and then click on the Advanced button. There check the "Repeat Task" checkbox and say every 10 minutes and in the until box say 23 hours. This way the script will execute the first day at 12:30 am in the morning and then every 10 minutes for the next 23 hours, which will take it to 11:30 pm the same day. Now the next day the script will start executing again at 12:30 am and continue. You can always fine tune this setting to your requirements.

3. If you want to schedule this script for multiple users all you have to do is copy the second line in the cg_auto_email.bat file and then change the mailbox names and passwords.

Upgrades:

If you have been using any of the previous versions, and wish to upgrade to the latest version, then you need run the setup file and uncheck the option for installing the login database. Make sure you backup the template files if you have changed them and then replace the installed one with the ones you have backed up, but that is NOT recommended as the templates could have changed in this version. **You must look at the Version History provided to see if any of the other files you might want to keep have changed at all.**

Version History:

- v3.5
 - Added the ability for admins be able to disable/enable seeing other user's voicemails
 - Only admins can edit smtp server, port, call log and area code settings starting with this release
 - Optimized the caller id lookup for voicemails by increasing the speed an average of 8 times the original speed
 - Fixed a sorting issue with the status column on the main mail page
 - Changed the global auto-refresh value on settings page for admins only
 - Added the ability for admins to decide whether they want notification for all or their messages and system inbox
 - Changed the input style of the admin screen, replaced 0's and 1's with checkboxes and yes' and no's
 - Added the ability of the interface to change the user password in the cg_auto_email.bat file if it is located in its default location. This way if a user changes their password from the web interface they don't have to manually change the password in the auto email notification batch file.
 - You must replace the cg_auto_email.bat file when you upgrade to this release, there are some minor, but very crucial changes in it.
- v3.4
 - Made it so the default sorting for the mail page is newer up top regardless of the status of the messages
 - Added the ability to show and hide details on the call log page
- v3.3
 - Improved the call log by putting the components of each call into a group thereby making the actual call much easier to comprehend.
 - Added the ability to add ODBC DSN's directly from the Interface Web Configuration screen.
 - Created a windows installer file that will install the entire web interface including copying files, setting permissions and making ODBC DSN entries.
- v3.2
 - Added the ability to move messages as well as notes to another mailbox.
 - Fixed an issue with the messages moving, but the note not getting transferred correctly.
 - Added the ability to sort messages by various columns in ascending or descending order on the message page
- v3.1
 - Fixed issue with not deleting *.att files in the CG@Work Mail folder.
 - Fixed issue with the note not displaying if the note was more than one line, and the second line was not displaying.
 - Changed cell background color in contacts to a different one for the contact's default phone number.
- v3.0
 - Added the ability to add short notes to each voice mail that can be edited and viewed to remind you of what the message was about without listening to the voice mail again and again.
 - Resolved some minor issues that could come up on certain machine configurations.
 - Minor visual enhancements to various icons all throughout the interface.
 - Moved certain configuration files into the "auto" sub folder under the temp directory.
 - Fixed a couple of issues with reverse phone number lookup in the call log
 - Added the ability to function on ports other than the standard port 80.
 - Resolved a bug with the contacts sorting in descending order sometimes, instead of the default ascending order.
- v2.9
 - Fixed a bug with the delete all button (only available to admins) not deleting all the ae<user name>.pl files in the temp folder, which could have caused email notification issues
 - Added the capability to make this interface completely compatible with CSS and provided a site.css file in the templates folder
 - In order to upgrade to this version you must replace all files except the login.mdb file
 - Added images to replace text status indicator
- v2.8
 - Added the ability to sort the Contacts by either Last Name, Work Phone, Home Phone, Cell Phone or Email
 - Added the ability to sort the Contacts in ascending or descending order by the above mentioned fields
 - Added the ability to sort the Call Log by either Call Type, From, To, Date & Time or Duration
 - Added the ability to sort the Call Log in ascending or descending order by the above mentioned fields
 - Added the ability of the Call Log to take advantage of caching regardless of which way it is sorted
 - Fixed a couple of name resolving bugs, that might appear for certain mailbox name choices
- v2.7
 - Added the ability to manage all user web mailboxes and their permissions from the web interface
 - Also made it so there is no need to have Microsoft Access at all during initial setup or subsequently
- v2.6
 - Added the ability to send auto notification email in either HTML or plain text formats
 - Added the ability to make the above mentioned email setting user specific
- v2.51
 - Fixed a problem with automatic scheduler producing inconsistent results on different setups
- v2.5
 - Made the scheduling ability platform independent
 - Added multi-user ability to the scheduler, so each user can schedule their own version for email notification
 - OO the code to increase performance and decrease file size
- v2.4
 - Added ability to schedule the script in your OS scheduler to check for new mail and then email the default email address of the user.
 - Fixed some consistency issues
 - Fixed long mailbox name issue

- v2.3
 - Fixed issue with empty call log crashing the program
 - Switched phone number lookup from infospace to infousa, b/c people (including me) hate popups
- v2.2
 - Added ability to do a reverse lookup on the phone number in the call log
 - Added support for 11 and 12 number lookups (such as 9 before everything else)
- v2.1
 - Fixed Alias display option on main Address Book page
 - Fixed cosmetic issues on the Settings page
 - Fixed issue with long mailbox name support
 - Fixed issue with new entry in Address Book not appearing in CG console
 - Fixed sorting in Address book to ignore case
- v2.0
 - Visual Enhancements for all forms
 - Fixed a couple of long username issues
 - Optimized program for almost all pages
- v1.9
 - Added Alias on the address book screen in parenthesis
 - Added icons on the address book screen for Handset Download and Speech Recognition icons
 - Those icons are clickable and they toggle status of the respective feature
- v1.8
 - Added the ability to send email to address book entries directly from within the program
 - Resolved some long username issues
 - Slight adjustments to cosmetic appearance
 - Added more fields to address book detail view
 - Added Mail Server and port settings to the settings page
 - Added one default email address per user to the settings page
- v1.7
 - Added Settings page
 - Moved password change to settings page
 - Moved ability to change records per page for call log to settings page
 - Added option to change auto refresh time on settings page
 - Added Display Name, Alias, Pronounced As and Notes fields to view details and edit user information page
 - Fixed a bug with not saving Allow Speech Recognition flag
- v1.6
 - Fixed the log mailbox name support in previous and next page
 - Added more fields in the to field in the Call Log
 - Cosmetic updates to the Call Log
 - Added Auto-Refresh Time left counter on Mail page
 - Added length of message on mail page for every message
 - Added ability to download the messages in wav file format
 - Resolved consistency issues with the CallLog
 - Improved security procedures
- v1.5
 - Added the ability to control the number of messages per page in the call log dynamically
 - Improved visual experience in the mail messages view and notification to user of password change or incorrect login
 - Added Auto-Refresh option to automatically refresh mail screen
 - Added Next and Previous links on the Call Log page
 - Added the ability to view entire log in the Call Log screen
- v1.4
 - Added the ability to not display the callerid on the Mail page (Improves performance)
 - Fixed some static path issues in main.pl
 - Added support for multiword usernames in the login database
 - Added the ability to change the password/PIN from the web interface
 - Fixed sorting issues in call log and address book
 - Improved performance on the call log by doing some caching
 - Ability to pick how many rows to show in call log on each page during initial install
- v1.3
 - Fixed a couple of bugs reported by a user
- v1.2
 - Fixed some message playing bugs
 - Improved Web Configuration interface showed the first time you install
- v1.1
 - Added Caller ID for Voice Mails feature
 - Sorted Contents of the Address Book
 - Fixed problem with call log of sorting
 - Divided Call Log into pages of 20, to increase performance and ease of navigation
 - Improved security procedure, once you are logged out, you must log back in or you can't do anything
- v1.0
 - Initial Release