

Gosiger GO.Time

Introduction

The Gosiger GO.Time application has two functions. The first function sets common variables based on the time of the day. The user can set up multiple time ranges that represent a work shift. If the current machine time falls within the range of a shift a common variable is set to the id number of that shift.

The second function is to load the current Month, Day, Year, Hour, Minute and Second into a range of variables whenever a trigger variable is set.

Prerequisites

Windows XP or greater

.NET Framework 2.0 or greater

THiNC API 1.9.1 or greater

Installation

To install GO.Timer run the GO.Timer.Setup.exe file on the machine

Startup

To start the GO.Time application use the shortcut on the desktop or in the start menu. The application starts minimized. Click the application in the task bar or use ALT + TAB to bring it up.

Automatic startup

GO.Time is automatically registered with the Okuma Thinc Startup Service meaning the application will automatically start when the OSP starts. If you do not want it to startup automatically open the Startup Service settings and disable or delete the created entry.

Password Protection

All settings in GO.Time are password protected. The default password is 2100. The password can be changed in the 'Settings' Tab.

Operation

Shifts Tab

The screenshot shows the GO.Time application window with the 'Shifts' tab selected. The sidebar on the left lists three shifts: '1st', '2nd', and '3rd'. The '1st' shift is currently selected. The main area displays a table with the following data:

Name	1st
IsEnabled	<input checked="" type="checkbox"/>
StartHour	5.5
EndHour	15.5
Id	1

Below the table, there is an 'Add' button, a 'Delete' button, and a 'Shift Variable' input field containing the value '180'. A 'Save' button is located at the bottom of the main area.

In the Shift tab you can define shifts. Click the 'Add' button to add a new shift

Start and End Hours

When entering the Start and End hours enter the time in military format. Decimal values can be used to represent partial hours (e.g. 5.5 for 5:30).

StartHour	5.5
EndHour	15.5

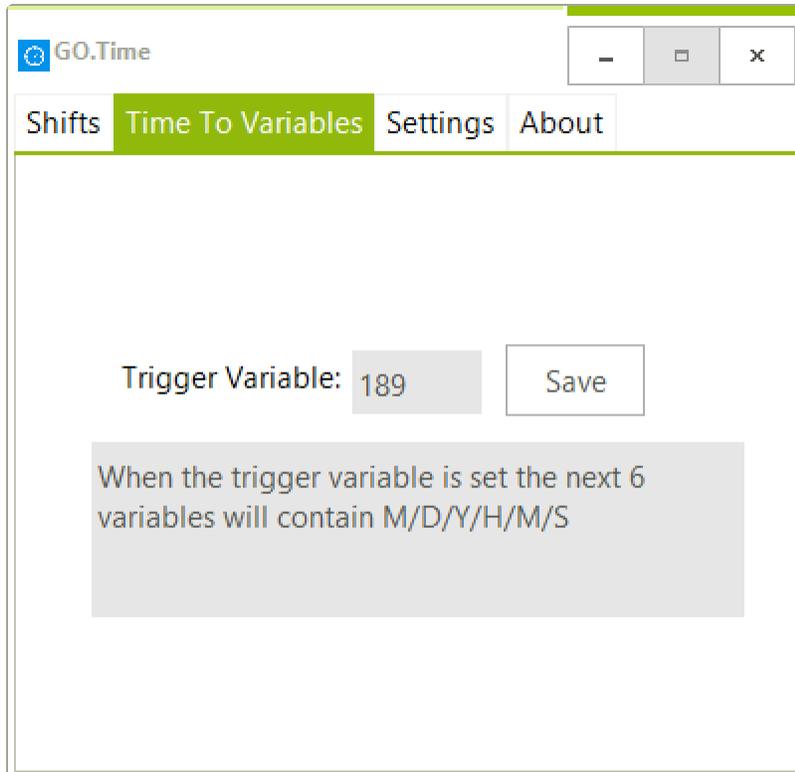
Id

The Id value for a shift is the value that will be input into the "Shift Variable" when the time on the computer falls in the range of the shift.

Shift Variable

The shift variable is the Common Variable into which the current value for the shift will be input. This variable number will change automatically depending on the shift.

Time To Variables Tab



The screenshot shows a window titled "GO.Time" with a standard Windows-style title bar (minimize, maximize, close buttons). Below the title bar is a navigation menu with four tabs: "Shifts", "Time To Variables" (which is highlighted in green), "Settings", and "About". The main content area of the window displays the text "Trigger Variable:" followed by a text input field containing the number "189" and a "Save" button. Below this, a grey rectangular box contains the text: "When the trigger variable is set the next 6 variables will contain M/D/Y/H/M/S".

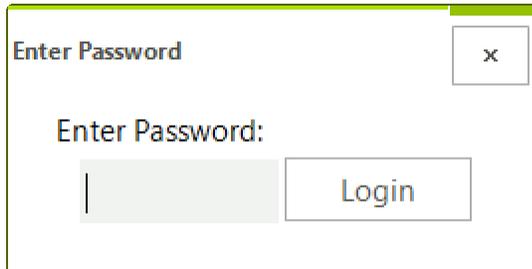
Trigger Variable

This is the variable that when set to any value other than 0 will cause the next 6 variables to be set to the current Month, Day, Year, Hour, Minute and Second respectively.

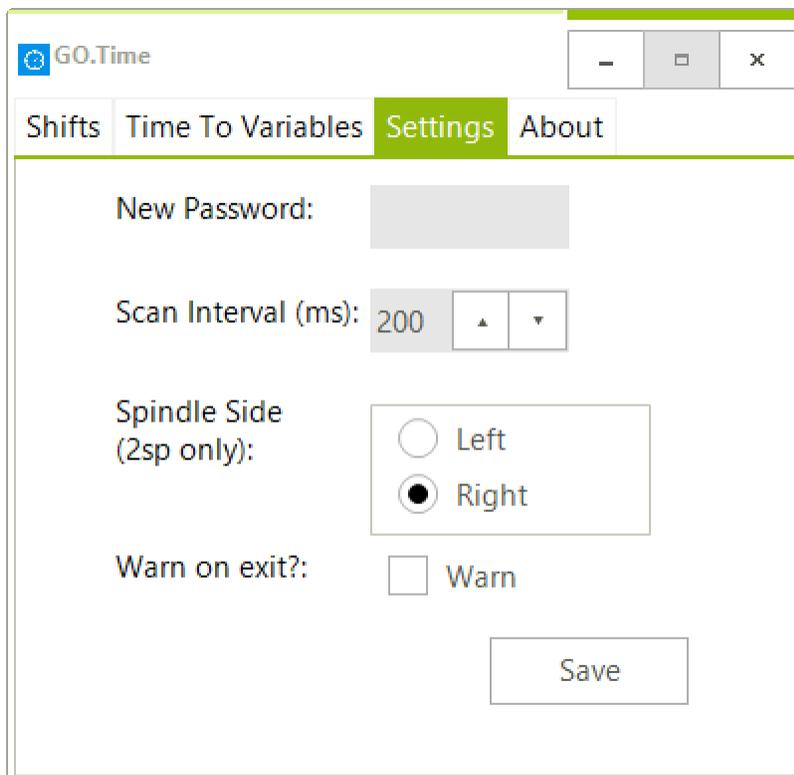
Important Note: Make sure the Trigger Variable has at least 6 variables available after it. E.g. if you set the trigger variable to 200 there will be no more variables after 200 into which the application can store the time/date values.

Settings Tab

When you first click the settings tab this dialog will appear asking for a password. Enter the password and push enter or click the 'Login' button.



A dialog box titled "Enter Password" with a close button (x) in the top right corner. Below the title is the text "Enter Password:" followed by a text input field and a "Login" button.



The "GO.Time" application window with the "Settings" tab selected. The window title bar includes a close button (x). The "Settings" tab is active, showing the following options:

- New Password: [Text input field]
- Scan Interval (ms): 200 [Spin box with up/down arrows]
- Spindle Side (2sp only):
 - Left
 - Right
- Warn on exit?: Warn

A "Save" button is located at the bottom right of the settings area.

New Password

Enter a new password

Scan Interval (ms) (Range 200-5000)

Enter a number or use the arrows to set in milliseconds how often the common variables are refreshed.

Spindle Side (2sp Only)

This setting only applies to 2SP machines. Setting it to Right or Left causes the application to use the corresponding Common Variable Table. If your machine is not a 2SP this setting has no effect.

Warn on Exit

If this box is checked the application will show a message box warning you that the shift variable will not be set if you close the application.

Note: A side effect of turning this setting on is that the application will not close by itself when you turn the machine off. You will have to manually close it.

Backing up Settings

The settings for the application are stored in the GO.Time.exe.config located in application directory (typically D:\Program Files\Gosiger\GO.TIME)

The settings for the shifts are located in a folder at D:\Gosiger\GO.TIME.

Error Log File

If an error occurs a log file will be created with details about the error. The location of the log is D:\Gosiger\GO.TIME\Logs