

Object Specification

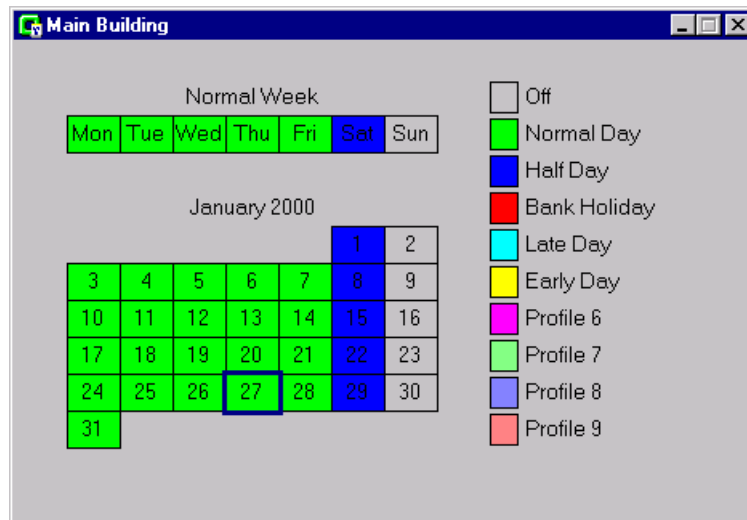
Calendar v10 Application

Introduction

The Calendar v10 Application, shortened in this document to Calendar, is used for viewing and modifying day-types within a calendar store. Days of different types are shown in different colours. The day-type of a particular day, or of a normal weekday can be modified.

Calendar connects to ObServer, and communicates with a calendar store via ObServer. The calendar store can be located within ObServer or on any system connected to ObServer.

The engineer can configure the window title, font, and day-type labels if necessary.



In more advanced systems, several Calendar applications on different PCs can access a single calendar store, enabling different users to view a common calendar. If one user changes a day, that change is shown on other Calendar windows that are visible at that time.

Calendar stores the day-type labels within an INI file on the PC.

Refer to the following Engineering Guide for details of products that contain a calendar store.

OSM v10 TimeMax v10 Engineering Guide

Compass v22 TimeMax v10 Engineering Guide

Engineering

Step 1 – Install Calendar

Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Create a Shortcut to Calendar

Use Windows Explorer to create a shortcut by opening the ObSys directory, right-clicking on the Calendar.exe file, and selecting 'Create Shortcut'. The basic shortcut is created in the ObSys directory.

Step 3 – Specify the Command-line

Calendar requires parameters to run properly. Use Windows Explorer to edit the shortcut by right-clicking on the shortcut, and selecting 'Properties'. Modify the 'target' command-line, by appending the following after the Calendar.exe text

```
O=S10.C;L=Main Building;OC=62;F=Arial 10
```

This will instruct Calendar to communicate with the calendar store with object reference S10.C, label the Calendar window 'Main Building', communicate with ObServer on channel 62, and use font Arial size 10 on the window.

Beware: these example settings may not work for your system - you may need to specify a different object reference and ObServer channel value

Refer to the '*Command Line Parameters*' section of this document for full details of possible parameters.

Step 4 – Running Calendar

Double-click the Calendar shortcut to run the application with the parameters supplied. The Calendar window will appear, showing the settings from within the specified calendar store.

Step 5 – Configure Calendar using Objects

Once Calendar is running and connected to ObServer, other applications can access objects within Calendar to control the window title, and the day-type labels. Use your object engineering software to view and modify Calendar objects as necessary.

Step 6 – Changing the Day-type of a Day using Calendar

Any type of any day within the normal week, or the month shown can be modified by right-clicking on the day, and selecting the required setting from the popup menu. You may need to log on to ObSys if necessary.

Refer to the '*Calendar v10 Window User Guide*' document for information on how to use the Calendar window in more detail.

Engineering Reference

Command-Line Parameters

The command line for running Calendar uses the following parameters

Parameter	Use	Necessary?	Values
O	Calendar store object reference	Necessary	Object Reference
L	Window label	Optional	Text: up to 32 chars
OC	Observer Channel	Optional	Number: 0=Find a free ObServer channel 1...199= Use specified channel
F	Font name and size	Optional	Font and Size

Example command lines include:

```
C:\Program Files\North Building Technologies\ObSys\Calendar.exe O=S5
C:\Program Files\North Building Technologies\ObSys\Calendar.exe O=S1.D10;L=Occupation Day-
types;OC=65;F=Times New Roman 12
```

Calendar.ini File Contents

The Calendar applications that run from an ObSys directory share the same Ini file, which is used for storing the labels of the day-types colours of the different alarm priorities.

Different sections relate to different users.

The section **[John Smith]** contains settings used when a user with name John Smith is logged on. Each section contains the following keys:

DayType<dt> - Label for day-type <dt>

Font – Font name and size to use

Where

<dt> is a day-type number in the range 0...9

For example: a Calendar.ini file might contain

```
[Fred Jones]
DayType1=Normal Day
DayType2=Half Day
DayType3=Bank Holiday
DayType4=Late Day
DayType5=Early Day
Font=MS Sans Serif 8

[John Smith]
DayType1=Normal Day
DayType2=Half Day
DayType3=Bank Holiday
DayType4=Late Day
DayType5=Early Day
Font=MS Sans Serif 10
```

Any unspecified day-types are shown using default text

Objects

When the Calendar application is run the following objects are created within ObServer. Use object software to view or modify these objects.

Object	Label	R/W	Type
Sc ^[1]	System on channel c	-	[CalendarView v10]

Notes

[1] The ObServer Channel, c, is a number in the range 1...255.