



## Configuration of Busylight settings

Busylight has predefined color settings for presence states with the colors Red, Green, Purple (do not disturb), blue (ringing) and yellow. The predefined color values and their dynamic behavior can be changed via registry keys. These keys are stored in the path HKCU\Software\Busylight and can be changed or added via registry key or centrally via group policies. Changes may be also applied after installation of the Busylight software.

After changing the values in the registry, Busylight has to be reset or restarted. The easiest way is to click the busylight icon in the Windows systray and choose “Reset Busylight”.

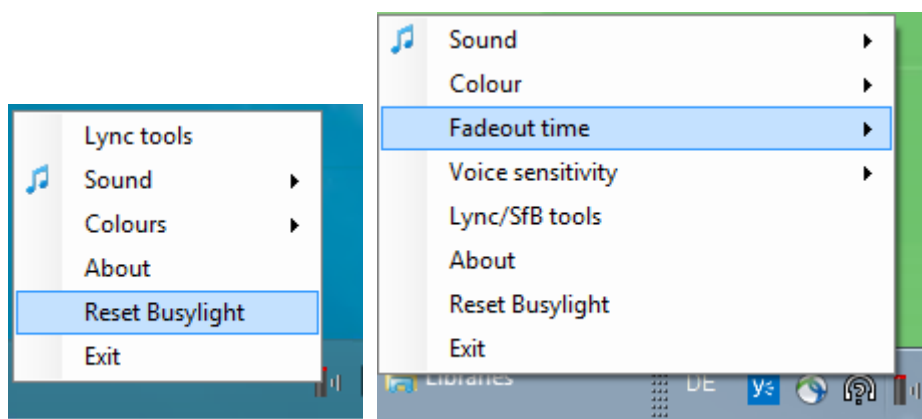


Figure 1: Tray app menu (left with Busylight only, right with Kuando Box and Busylight)

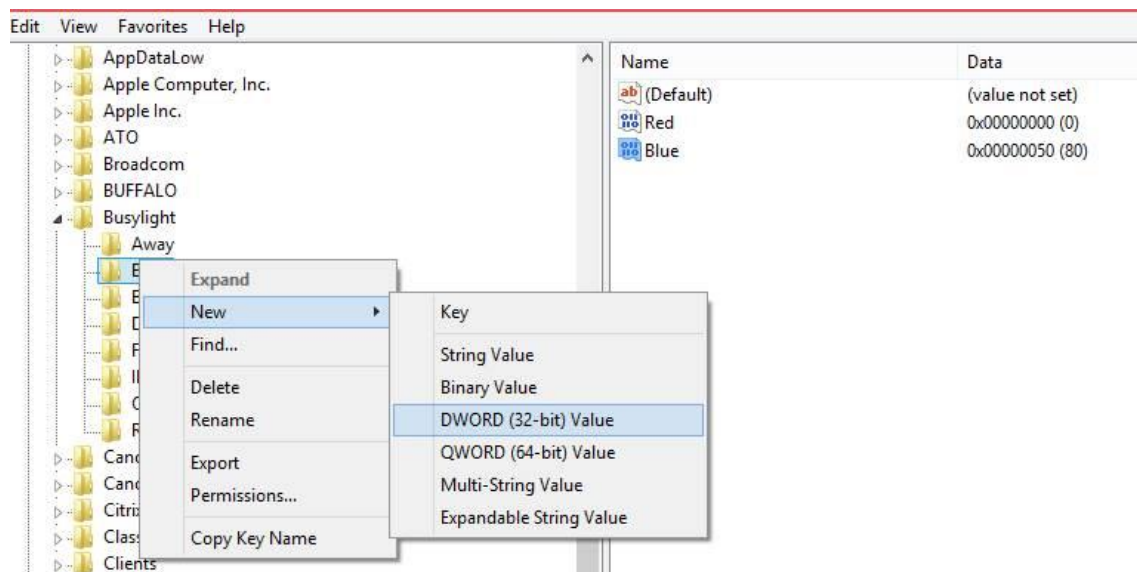
### Example: Changing “Busy” from Red to Blue

The registry keys allows you to control the values of the Red/Green/Blue (RGB) colors in the Busylight LED light (0-100 per cent).

To open Registry Editor, run *regedit* in Windows.

To change the colour for Busy (see screenshot below):

1. Insert two new DWORD values
2. Set Red to 0 (to cancel default value)
3. Set Blue to e.g. 50 (per cent)



You can also mix the basic colors to create new ones, e.g. Purple is a mix of Blue (value: 60), Green (value: 40) and Red (value: 1).

To get a unified color scheme within an organization, it is recommended to distribute the changed configuration via group policies.

## Table of default values

The following table contains all registry keys, which are used by Busylight, along with the default values if the key does not exist:

Registry Key		Data type	Description	Default Value (Decimal)	New Default V 3.0
Away	Blue	DWORD	Blue value for „Away“	0	0
	Green	DWORD	Green value for „Away“	18	100
	Red	DWORD	Red value for „Away“	16	89
Busy	Blue	DWORD	Blue value for „Busy“	0	0
	Green	DWORD	Green value for „Busy“	0	0
	Red	DWORD	Red value for „Busy“	50	100
Busylight\Away\Color		STRING	„Pulse“ or „Red“	„Pulse“	„Pulse“
Busylight\CallSequence	Step1	DWORD	Color intensity for „on the phone“, Step 1	7	14
	Step2	DWORD	Color intensity for „on the phone“, Step 2	21	42
	Step3	DWORD	Color intensity for „on the phone“, Step 3	36	72
	Step4	DWORD	Color intensity for „on the phone“, Step 4	50	100
	Step5	DWORD	Color intensity for „on the phone“, Step 5	36	72
	Step6	DWORD	Color intensity for „on the phone“, Step 6	21	42



Registry Key		Data type	Description	Default Value (Decimal)	New Default V 3.0
	<b>Step7</b>	DWORD	Color intensity for „on the phone“, Step 7	10	20
<b>BusyInCallSequence</b>	<b>Red</b>	DWORD	Red value for „on the phone“	50	100
	<b>Green</b>	DWORD	Green value for „on the phone“	0	0
	<b>Blue</b>	DWORD	Blue value for „on the phone“	0	0
<b>Free</b>	<b>Blue</b>	DWORD	Blue value for „Available“	0	0
	<b>Green</b>	DWORD	Green value for „Available“	50	100
	<b>Red</b>	DWORD	Red value for „Available“	0	0
<b>DoNotDisturb</b>	<b>Blue</b>	DWORD	Blue value for „Do not disturb“	60	100
	<b>Green</b>	DWORD	Green value for „Do not disturb“	1	2
	<b>Red</b>	DWORD	Red value for „Do not disturb“	40	67
<b>Ringing</b>	<b>Blue</b>	DWORD	Blue value for „Ringing“	100	100
	<b>Green</b>	DWORD	Green value for „Ringing“	0	0
	<b>Red</b>	DWORD	Red value for „Ringing“	0	0
<b>Off</b>	<b>Blue</b>	DWORD	Blue value for „Offline“	0	0
	<b>Green</b>	DWORD	Green value for „Offline“	0	0
	<b>Red</b>	DWORD	Red value for „Offline“	0	0
<b>IMAlert</b>		DWORD	Flag for IM alert (0 or 1)	1	1
	<b>Blue</b>	DWORD	Blue value for „new IM“		
	<b>Green</b>	DWORD	Green value for „new IM“		
	<b>Red</b>	DWORD	Red value for „new IM“		
<b>IMAlertWithSound</b>		DWORD	Flag for IM alert with sound	0	0
<b>IMVolume</b>		DWORD	overrides „Volume“ for IM alerts	n/a	n/a
<b>MissedCallNotification</b>		DWORD	0 (Default): off 1: on, blue blinking signal on missed calls	0	0
<b>SoundClip</b>		DWORD	Index of ringtone for calls (1...8)	1	1
<b>Volume</b>		DWORD	Volume of ringtone for calls	75	75

Version 3.0 includes support for Kuando Box and Busylight Omega (large Busylight). There are special registry keys for these models

Registry Key	Data type	Description	Default Value (Decimal)
<b>KuandoboxFadeoutTime</b>	DWORD	Stores selected value of Fadeout time (timeout after voice detection) in seconds (menu options: 4 (default), 10 or 20)	4



<b>KuandoboxSensivity</b>	DWORD	Voice sensitivity value of Kuando Box (for adaption to different handset voice levels). 0: Minimal sensitivity (default) 1: Medium sensitivity, 2: Maximum sensitivity	0
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The following table contains all registry keys used for the Lync Tools plugin (choose Lync Tools in Busylight menu).

Registry Key	Data type	Description	Default Value (Decimal)
<b>HotKeyDialOutMod</b>	DWORD	Modifier for function key „Fast dialout“	-
<b>HotKeyDialOuKey</b>	DWORD	Function key for „Fast dialout“	-
<b>HotKeyAcceptMod</b>	DWORD	Modifier for function key „accept call“ or „drop call“ , resp	-
<b>HotKeyAcceptKey</b>	DWORD	Function key for „accept call“ or „drop call“ , resp	-
<b>BusyOnBusy</b>	DWORD	Flag for call forwarding on Busy	0
<b>SwitchDisplayOn</b>	DWORD	Flag for switch on display on incoming contact	1
<b>NoWarnOnDoubleLync</b>	DWORD	Warning message can be switched off, when both Lync 2010 and 2013 clients are installed	0
<b>FastDialoutWithCtrlC</b>	DWORD	Fast Dial hotkey shall emulate Ctrl-C to copy mouse selection into clipboard. Set to “0” when conflicting with other applications.	1
<b>FonComfortInvisible</b>	DWORD	0: Lync-Tools visible and changeable (default) 1: Lync-Tools invisible 2: Lync-Tools Read Only	0

The following table contains special registry keys:

Registry Key	Data type	Description	Default Value (Decimal)
<b>FonComfortInvisible</b>	DWORD	Visibility mode for Lync tools: 0: Lync tools visible and changeable 1: Lync tools invisible and deactivated 2. Lync tool configuration read-only	0
<b>SDKLogLevel</b>	DWORD	Log level for USB communication 0: no messages 1: verbose logging	0



## Predefined settings via Group policy

Since Version 3.2 it is possible to predefine Corporate standards on any setting via group policy. The Busylight tray app checks the `Software\Policies\Busylight` sections for existence of any of the registry keys listed in the previous chapter.

If a setting is found in the Policies sections, it will override any user setting and disable the corresponding user menu items. Users can still see the predefined settings, but not change them.

Upon application start, the registry sections will be checked in this order:

1. `HKEY_LOCAL_MACHINE\Software\Policies\Busylight`
2. `HKEY_CURRENT_USER\Software\Policies\Busylight`
3. `HKEY_CURRENT_USER\Software\Busylight`
4. `HKEY_LOCAL_MACHINE\Software\Busylight`

The first value found in this order will be applied. If nothing is found in the registry, Busylight applies the intrinsic default values defined in the previous chapter.

Changes of group policy values will be applied on the fly without need of restarting the software.

This software package contains registry files as sample for the convenience of the system administrators.

**Remark:** option “2” for registry key `FonComfortInvisible` will be deprecated in a future release because the same functionality can be achieved with the Policies registry keys.

To apply a policy to users it can be published using this powershell command from the server:

```
Invoke-GPUpdate -Computer <computername> -Force -  
RandomDelayInMinutes 0
```

Or, from the client PC:

```
GPUpdate /force
```



## Silent installation and deinstallation

The software is provided in two variants, as installer in EXE file format and MSI file format.

**Note: Please make sure, that you use only one of the two methods and do not mix them on the same PC!**

### EXE version

Command line for unattended install:

```
Setup-Busylight.exe /s SILENT=TRUE
```

Command line for unattended uninstall:

```
Setup-Busylight.exe /s MODIFY=FALSE REMOVE=TRUE SILENT=TRUE
```

Command line for unattended repair:

```
Setup-Busylight.exe /s MODIFY=TRUE REMOVE=FALSE SILENT=TRUE
```

### MSI version

Command line for unattended install:

```
Setup-Busylight.msi /quiet CMDLINE="SILENT=TRUE"
```

Command line for unattended uninstall:

```
msiexec /i Setup-Busylight.msi CMDLINE="MODIFY=FALSE  
REMOVE=TRUE SILENT=TRUE" /quiet
```

### Product GUID Code

{D28DDCE0-E14F-474A-A246-B5A07407E577}

This Code is useful for unattended uninstalls, debugging etc.