

OKI

PT390

Status Monitor User's Guide

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1 Introduction

1.1 Overview

This document describes how to use the Status Monitor for the PT390 printer.

The PT390 Status Monitor is a Windows program that displays the printer's status on your computer.

1.2 Trademarks

All company names and product names contained in this manual are registered trademarks or trademarks of their respective owners.

1.3 System Requirements

The Status Monitor can be used with the following system configurations.

➤ Hardware

A personal computer with the following interfaces running one of the listed operating systems (OS).

- Serial interface
- Parallel interface compatible with Centronics
- USB interface

* The Status Monitor cannot be used with the LAN interface.

➤ Operating System (OS)

- Microsoft® Windows® 2000 (*1)
- Microsoft® Windows® XP Professional (*2)
- Microsoft® Windows® XP Home Edition (*2)
- Microsoft® Windows Vista® Enterprise (*3)
- Microsoft® Windows Vista® Business (*3)
- Microsoft® Windows Vista® Ultimate (*3)
- Microsoft® Windows Vista® Home Premium (*3)
- Microsoft® Windows Vista® Home Basic (*3)
- Microsoft® Windows® 7 Ultimate (*4)
- Microsoft® Windows® 7 Enterprise (*4)
- Microsoft® Windows® 7 Professional (*4)
- Microsoft® Windows® 7 Home Premium (*4)
- Microsoft® Windows® 7 Starter (*4)
- Microsoft® Windows Server® 2003, Enterprise Edition (*5)
- Microsoft® Windows Server® 2003, Standard Edition (*5)
- Microsoft® Windows Server® 2008, Enterprise Edition (*6)
- Microsoft® Windows Server® 2008, Standard Edition (*6)
- Microsoft® Windows Server® 2008 R2, Enterprise Edition (*7)
- Microsoft® Windows Server® 2008 R2, Standard Edition (*7)
- Microsoft® Windows® Embedded for Point of Service (*8)
- Microsoft® Windows® Embedded POSReady 2009 (*9)

<Guide> 64-bit OS is also supported.

In this document, the different versions of Windows are abbreviated as follows:

- *1 : Windows 2000
- *2 : Windows XP
- *3 : Windows Vista
- *4 : Windows 7
- *5 : Windows Server 2003
- *6 : Windows Server 2008
- *7 : Windows Server 2008 R2
- *8 : WEPOS
- *9 : WEPOS 2009

2 Installing and uninstalling

For information on how to install or uninstall, please see the following topics:

- "3. Installation" in the "Installation Guide"
- "5. Uninstallation" in the "Installation Guide"

3 Status Monitor Functions

This section describes the functions of this Status Monitor.

Status Monitor appears minimized (iconized in the task tray) when started. When an error occurs, whether in standby or when printing, it pops up (as a window).

If you open Status Monitor when there are no current Windows print jobs, Status Monitor retrieves and displays the printer status.

3.1 Starting the Status Monitor

To use Status Monitor, start it before printing any documents.

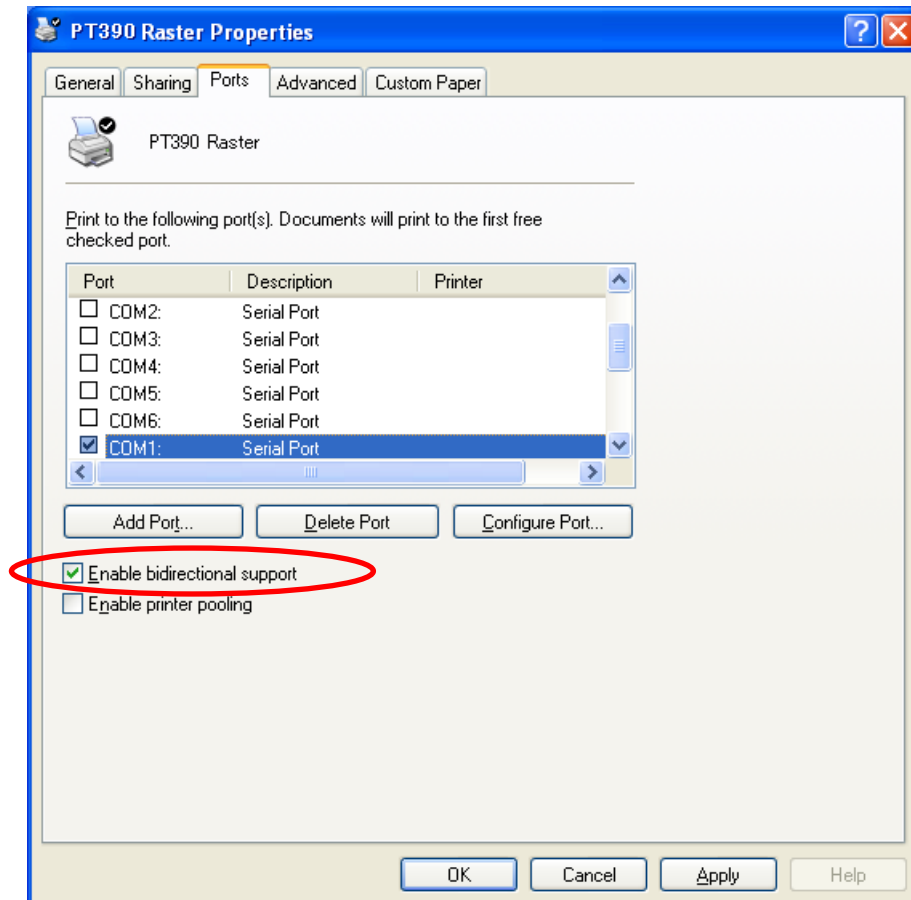
Status Monitor is added to the Windows “Startup” folder when it is installed which means it launches automatically when you start Windows.

If you print a document after shutting down Status Monitor, it is not automatically restarted.

To display Status Monitor, you need to set the printer interface as bi-directional. Enable the bi-directional communication function from the printer driver. Note that the bi-directional communication function is enabled by default when the printer driver is installed.

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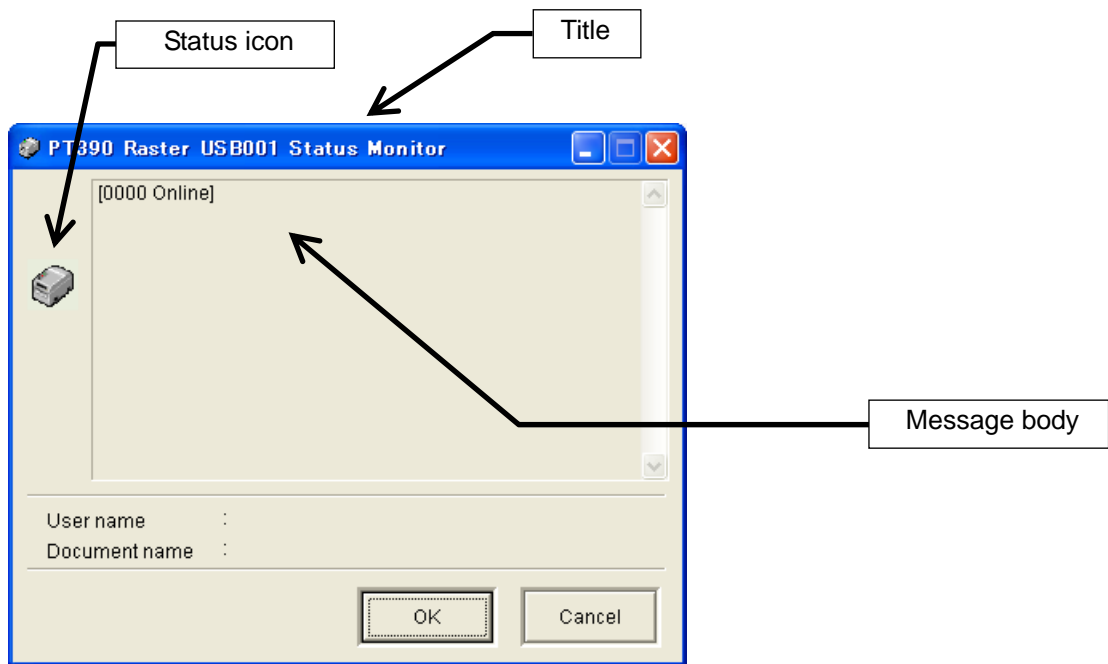
To enable the bi-directional communication function, open the printer properties, select the “Enable bidirectional support” checkbox in the “Ports” tab, and then click [OK] or [Apply]. (The following example shows the printer properties on Windows XP.)








Recommendations

- To use the PT390 Status Monitor, set the PT390 printer as the "Default printer" and enable the bi-directional communication function in the printer driver.
- The PT390 Status Monitor can be used with the serial, parallel and USB interface connections. If using the USB interface, set the USB interface to printer class by leaving the "USB" setting in Printer Setup as "Printer". The virtual COM class is not supported.
- If you are using the serial interface, a baud rate of 115200bps is recommended.
- When using the PT390 Status Monitor, click the [Cancel] button in the PT390 Status Monitor if you need to cancel a print job due to a printer error.
- If you cancel printing from the printer folder when the PT390 Status Monitor is running, the data is not deleted even if you reset the printer and the printer may no longer operate correctly (unless you recover the printer by turning it off and on again).
- If you cancel printing by clicking the [Cancel] button in the PT390 Status Monitor or selecting [Cancel] from the pop-up menu displayed when right-clicking the icon, turn the printer off and on again. Until restarted, the printer will not operate correctly and this may result in printing errors or abnormal communication.
- The PT390 Status Monitor does not support the connection of multiple printers. The PT390 Status Monitor will not function correctly if run when multiple printers are connected.
- The PT390 Status Monitor cannot be used if you run any applications that send control commands to the PT390 printer. Because the PT390 Status Monitor sends and receives commands to check the printer status, conflicts with control commands from other applications may cause a malfunction. In this case, disable the bi-directional function in the printer driver before running the application.
- Do not use the PT390 Status Monitor when the PT390 printer is in a special mode (such as "HEX Dump"). In this case, printing may result in a "communication error" or the print job being canceled.
- If you use the parallel interface, the powered-off status cannot be detected for up to 90 seconds after the printer is turned off.
- If you use the serial interface, the printer status information does not display a "communication error" if you turn off the printer after any of the following errors occur during printing:
 - Head hot, paper out, cover open, hardware error

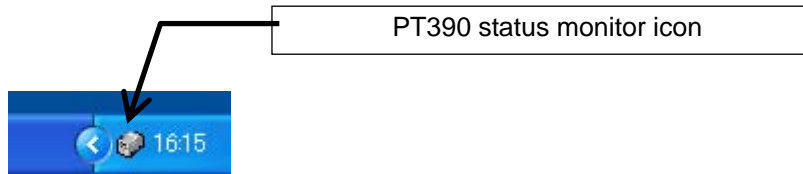
3.2 Status window



Display Item	Description
Title	The format is as follows: [Driver name] [Interface name] Status Monitor
Message body (Note)	The format is as follows: [Status number Printer status name] Description of the printer status Action to take
Status icon	 Indicates that printing is in progress or the printer is ready to print. (with no error)  Indicates that printing is in progress or the printer is ready to print. (with a warning message)  Indicates that an error occurred. (recoverable error)  Indicates that an error occurred. (unrecoverable error)  Indicates that an error occurred. (hardware error)
User Name	Name of the user that requests the print
Document Name	Name of the document being printed (print job name)
[OK] button	Minimizes the pop-up window as an icon in the task tray.
[Cancel] button	Click to cancel a displayed print job. The corresponding job is canceled and the status window disappears.

* For a list of descriptions of the status number, printer status name, and printer status, please see "4 States Displayed by Status Monitor."

3.3 Icon indication



Display Item	Description
Status icon	Same as the status icons described in the previous page.
Tooltip	Place the mouse pointer over the status icon in the task tray to display a tooltip describing the operation.

3.4 Mouse operation on icon

Double click the left mouse button
 Double click the right mouse button

[Restore(R)]
 [Cancel (C)]
 [Exit(X)]

Displays the status as a pop-up.
 Displays the pop-up menu.
 You can select from the following items:
 Same as a double left-click.
 Same as the [Cancel] button.
 Shuts down the PT390 Status Monitor.

4 Statuses Displayed by Status Monitor

Status Number	Printer Status Indication	Description of Printer Status
0000	Online	Document printing is available.
0002	Printing	Printing is in progress.
0100	Obtaining information	Status information is being retrieved.
0200 [Warning]	Offline	The printer indicates it is offline.
0202 [Warning]	Paper near end	The paper is running short.
0301 [Recoverable error]	Cover open	The cover is open.
0302 [Recoverable error]	Paper end	Out of paper.
0303 [Recoverable error]	Head hot	The print head is heated to a high temperature.
0304 [Recoverable error]	Paper layout error	An error occurred detecting label interval and BM. * This error is not supported in the PT390 printer.
0305 [Recoverable error]	Cutter jam error	A cutter jam error occurred. * This error is not supported in the PT390 printer.
0500 [Unrecoverable error]	Data error	Invalid data is detected.
0700 [Hardware error]	Hardware error	Abnormal voltage, ROM/RAM error, print head not installed.
1500 [Unrecoverable error]	Communication error	No response from the printer.

5 Revision history

Revision	Revised Content
1.0.0.0	First Edition
1.0.0.1	3.1 Starting the Status Monitor - Title string of "Recommendations" is modified.

Oki contact details

OkicontactName. Oki Systems (UK) Limited

OkicontactAddress.550 Dundee Road
Slough Trading Estate
Slough
Berkshire
SL1 4LE

Tel:+44 (0) 1753 819819
Fax:+44 (0) 1753 819899
<http://www.oki.co.uk>

Oki Systems Ireland Limited

The Square Industrial Complex
Tallaght
Dublin 24

Tel:+353 (0) 1 4049590
Fax:+353 (0)1 4049591
<http://www.oki.ie>

Oki Systems Ireland Limited - Northern Ireland

19 Ferndale Avenue
Glengormley
BT36 5AL
Northern Ireland

Tel:+44 (0) 7767 271447
Fax:+44 (0) 1 404 9520
<http://www.oki.ie>

Technical Support for all Ireland:

Tel:+353 1 4049570
Fax:+353 1 4049555
E-mail: tech.support@oki.ie

Oki Systems (Czech and Slovak), s.r.o.

IBC – Pobřežní 3
186 00 Praha 8
Czech Republic

Tel: +420 224 890158
Fax:+420 22 232 6621
Website: www.oki.cz, www.oki.sk

Oki Systems (Deutschland) GmbH

Hansaallee 187
40549 Düsseldorf

Tel: 01805/6544357**
01805/OKIHELP**
Fax: +49 (0) 211 59 33 45
Website:
www.okiprintingsolutions.de
info@oki.de

**0,14€/Minute aus dem dt. Festnetz
der T-Com (Stand 11.2008)

Διανομέας των συστημάτων OKI

CPI S.A1 Rafailidou str.
177 78 Tavros
Athens
Greece

Tel: +30 210 48 05 800
Fax:+30 210 48 05 801
EMail:sales@cpi.gr

Oki Systems (Iberica), S.A.U

C/Teide, 3
San Sebastian de los Reyes
28703, Madrid

Tel:+34 91 3431620
Fax: +34 91-3431624
Atención al cliente: 902 36 00 36
Website: www.oki.es

Oki Systèmes (France) S.A.

44-50 Av. du Général de Gaulle
94246 L'Hay les Roses
Paris

Tel:+33 01 46 15 80 00
Télécopie:+33 01 46 15 80 60
Website: www.oki.fr

OKI Systems (Magyarország) Kft.

Capital Square
Tower 2
7th Floor
H-1133 Budapest,
Váci út 76
Hungary

Telefon: +36 1 814 8000
Telefax: +36 1 814 8009
Website: www.okihu.hu

OKI Systems (Italia) S.p.A.

via Milano, 11,
20084 Lacchiarella (MI)

Tel:+39 (0) 2 900261
Fax:+39 (0) 2 90026344
Website: www.oki.it

OKI Printing Solutions

Platinum Business Park II, 3rd Floor
ul. Domaniewska 42
02-672 Warsaw
Poland

Tel:+48 22 448 65 00
Fax:+48 22 448 65 01
Website: www.oki.com.pl
E-mail: oki@oki.com.pl
Hotline: 0800 120066
E-mail: tech@oki.com.pl

Oki Systems (Ibérica) S.A.

Sucursal Portugal
Edifício Prime -
Av. Quinta Grande 53
7º C Alfragide
2614-521 Amadora
Portugal

Tel:+351 21 470 4200
Fax:+351 21 470 4201
Website:www.oki.pt
E-mail : oki@oki.pt

Oki Service

Serviço de apoio técnico ao Cliente

Tel: 808 200 197
E-mail : okiserv@oki.pt

OKI Europe Ltd. (Russia)

Office 702, Bldg 1
Zagorodnoye shosse
117152, Moscow

Tel: +74 095 258 6065
Fax: +74 095 258 6070
e-mail: info@oki.ru
Website: www.oki.ru

Technical support:

Tel: +7 495 564 8421
e-mail: tech@oki.ru

Oki Systems (Österreich)

Campus 21
Businesszentrum Wien Sued
Liebermannstrasse A02 603
22345 Brun am Gebirge

Tel: +43 223 6677 110
Drucker Support:
+43 (0) 2236 677110-501
Fax Support:
+43 (0) 2236 677110-502
Website: www.oki.at

OKI Europe Ltd. (Ukraine)

Raisy Opkinoy Street,8
Building B, 2nd Floor,
Kiev 02002
Ukraine

Tel: +380 44 537 5288
e-mail: info@oki.ua
Website: www.oki.ua

OKI Sistem ve Yazıcı Çözümleri Tic. Ltd. Şti.

Harman sok Duran Is Merkezi,
No:4, Kat:6,
34394, Levent
İstanbul

Tel: +90 212 279 2393
Faks: +90 212 279 2366
Web: www.oki.com.tr
www.okiprintingsolutions.com.tr

Oki Systems (Belgium)

Medialaan 24
1800 Vilvoorde

Helpdesk: 02-2574620
Fax: 02 2531848
Website: www.oki.be

AlphaLink Bulgaria Ltd.

2 Kukush Str.
Building "Antim Tower", fl. 6
1463 Sofia, Bulgaria

tel: +359 2 821 1160
fax: +359 2 821 1193
Website: <http://bulgaria.oki.com>

OKI Printing Solutions

Herstedøstervej 27
2620 Albertslund
Danmark

Adm.: +45 43 66 65 00
Hotline: +45 43 66 65 40
Salg: +45 43 66 65 30
Fax: +45 43 66 65 90
Website: www.oki.dk

OKI Systems (Finland) Oy

Polaris Capella
Vänrikinkuja 3
02600 Espoo

Tel: +358 (0) 207 900 800
Fax: +358 (0) 207 900 809
Website: www.oki.fi

OKI Systems (Holland) b.v.

Neptunustraat 27-29
2132 JA Hoofddorp

Helpdesk: 0800 5667654
Tel: +31 (0) 23 55 63 740
Fax: +31 (0) 23 55 63 750
Website: www.oki.nl

OKI Systems (Norway) AS

Tevlingveien 23
N-1081 Oslo

Tel: +47 (0) 63 89 36 00
Telefax: +47 (0) 63 89 36 01
Ordrefax: +47 (0) 63 89 36 02
Website: www.oki.no

**General Systems S.R.L.
(Romania)**

Sos. Bucuresti-Ploiesti Nr. 135.
Bucharest 1
Romania

Tel: +40 21 303 3138
Fax: +40 21303 3150
Website: http://romania.oki.com

Var vänlig kontakta din Återförsäljare
i första hand, för konsultation. I
andra hand kontakta

OKI Systems (Sweden) AB

Borgafjordsgatan 7
Box 1191
164 26 Kista

Tel. +46 (0) 8 634 37 00
e-mail:
info@oki.se för allmänna frågor om
OKI produkter

support@oki.se för teknisk support
gällandes OKI produkter

Vardagar: 08.30 - 12.00,
13.00 - 16.00
Website: www.oki.se

OKI Systems (Schweiz)

Baslerstrasse 15
CH-4310 Rheinfelden

Support deutsch +41 61 827 94 81
Support français +41 61 827 94 82
Support italiano +41 061 827 9473
Tel: +41 61 827 9494
Website: www.oki.ch

**OKI Data Americas Inc.(United
States)**

2000 Bishops Gate Blvd.
Mt. Laurel, NJ 08054
USA

Tel: 1-800-654-3282
Fax: 1-856-222-5247
http://WWW.OKIPRINTINGSOLUTIONS.COM
http://my.okidata.com

**OKI Data Americas Inc.(Canada •
Canada)**

4140 B Sladeview Crescent Units 7&8
Mississauga, Ontario
Canada L5L 6A1

Tél: 1-905-608-5000
Télé: 1-905-608-5040
http://WWW.OKIPRINTINGSOLUTIONS.COM

**OKI Data Americas Inc.(América
Latina (OTRO))**

2000 Bishops Gate Blvd.
Mt. Laurel, NJ 08054
USA

Tel (Español): 1-856-222-7496
1-856-222-5276
Fax: 1-856-222-5260
Email: LASatisfaction@okidata.com

OKI Data de Mexico, S.A. de C.V.

Mariano Escobedo #748, Piso 8
Col. Nueva Anzures
C.P. 11590, México, D.F.

Tel: 52-555-263-8780
Fax: 52-555-250-3501
http://WWW.OKIPRINTINGSOLUTIONS.COM

OKI Data do Brasil, Ltda.

Rua Avenida Alfredo Egidio de souza Aranha
100-4º andar-Bloco C Chacara Santo Antonio
Sao Paulo, Brazil 04726-170

Tel: 55-11-3444-6747 (Grande São
Paulo)
0800-11-5577 (Demais
localidades)
Fax: 5511-3444-3501
e-mail: okiserv@okidata.com.br
http://WWW.OKIPRINTINGSOLUTIONS.COM

OKI Data (Singapore) Pte. Ltd.

438A Alexandra Road #02-11/12,
Lobby 3, Alexandra Technopark
Singapore(119967)

Tel:(65) 6221 3722
Fax:(65) 6594 0609
http://www.okidata.com.sg

OKI Systems (Thailand) Ltd.

1168/81-82 Lumpini Tower,
27th Floor Rama IV Road
Tungmahamek, Sathorn
Bangkok 10120

Tel:(662) 679 9235
Fax:(662) 679 9243/245
http://www.okisysthai.com

OKI Systems (Hong Kong) Ltd.

Suite 1908, 19/F, Tower 3,
China Hong Kong City
33 Canton Road, TsimShaTsui,
Kowloon, Hong Kong

Tel: (852) 3543 9288
Fax: (852) 3549 6040
http://www.okiprintingsolutions.com.hk

OKI Data(Australia) Pty Ltd.

Levw1 67 Epping Road, Macquarie Park
NSW 2113, Australia

Tel: +61 2 8071 0000
(Support Tel: 1800 807 472)
Fax: +61 2 8071 0010
http://www.oki.com.au

Comworth Systems Ltd.

8 Antares Place Mairangi Bay,
Auckland, New Zealand

Tel:(64) 9 477 0500
Fax:(64) 9 477 0549
http://www.comworth.co.nz

**OKI Data(S) P Ltd. Malaysia Rep
Office**

Suite 21.03, 21st Floor Menara IGB,
Mid Valley City,
Lingkaran Syed Pura 59200,
Kuala Lumpur, Malaysia

Tel: (60) 3 2287 1177
Fax: (60) 3 2287 1166

Oki Data Corporation
4-11-22 Shibaura, Minato-ku, Tokyo
108-8551, Japan

www.okiprintingsolutions.com

