

Microsoft® Fax Service with Dialogic® Brooktrout® Fax Products

Technology Brief

The Windows Server® and Windows® XP Professional family of operating systems includes an efficient, manageable, and integrated fax server application called Microsoft® Fax Service. Analog loop start versions of Dialogic® Brooktrout® TruFax® Fax Boards and Dialogic® Brooktrout® TR1034 Fax Boards can be used with Microsoft Fax Service.

Using the Brooktrout TruFax and Brooktrout TR1034 Fax Boards with Microsoft Fax Service allows you to leverage the fax software included with the Windows Server and Windows XP Professional family of operating systems to turn your system into a high-performance network fax solution — with no extra software needed. With Microsoft Fax Service and Dialogic Brooktrout Fax Boards, you can easily and inexpensively set up a reliable and secure fax server that permits employees to confidentially and securely send faxes directly from their desktops, eliminating the costs, complications, and lost time associated with walk-up, standalone fax machines.

Features and Benefits

Enhances Integrated Fax Software and Hardware — Brooktrout TruFax and Brooktrout TR1034 Fax Boards enhance the performance, reliability, and security of Microsoft Fax Service versus class 1 or class 2 fax modems.

Provides Reliable Faxing — Unlike fax modems that are prone to “hanging” (that is, incomplete transmissions and failed connect attempts) that can waste resources, Brooktrout TruFax and Brooktrout TR1034 Fax Boards deliver proven reliability and availability.

Provides Secure Environment — The Brooktrout TruFax and Brooktrout TR1034 Fax Boards are designed for fax-only applications. Unlike dual-purpose fax and data modems, dedicated fax boards can eliminate the security risk and vulnerability to network intrusion to which multi-purpose voice-fax-modems and telephony adapters are prone.

Supports High Quality and High Performance Transmissions — The Brooktrout TruFax and Brooktrout TR1034 Fax Boards support Adaptive Call Progress, a built-in library of communications algorithms that identify and adapt to various fax machines and line conditions. This feature helps achieve

high levels of compatibility, connectivity, and transmission speed across a wide range of fax machines and telephone line conditions.

Specifications

OS Support

Note: Microsoft Fax Service applications only support 32-bit operating system versions:

- Windows® XP Professional
- Windows® Server 2003 Family
- Windows® Server 2000
- Windows® Small Business Server 2000

Plug and Play Installation

Windows® Plug and Play compatible device driver software included with Microsoft Fax Service compatible Dialogic® Brooktrout® TruFax® Fax Boards and Dialogic® Brooktrout® TR1034 Fax Boards. **Note:** Be sure to read the special installation instructions for Microsoft Fax Service applications at <http://www.dialogic.com/support/helpweb/brooktrout/sharedfax.htm>.

Scalability

The Brooktrout TruFax and Brooktrout TR1034 Fax Boards for Microsoft Fax Service are scalable from 1 to 8 channels per board and up to 4 boards per system. Multiple Brooktrout Fax Boards can be used in each system; however, Brooktrout TruFax Fax Boards are not compatible with Brooktrout TR1034 Fax Boards in the same chassis. Brooktrout Fax Boards must also be used within the scalability limitations specified by Microsoft. For more information regarding OS fax channel scalability, see <http://support.microsoft.com/kb/555403>.

Environmental Compliance

This electronic equipment complies with the European Union Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, Directive 2002/95/EC (RoHS). RoHS Compliance Information is available at <http://www.dialogic.com/rohs>.

Models/Configurations

Product Code	Order Code	Description
Microsoft® Fax Service with Dialogic® Brooktrout® TR 1034 Fax Boards (Analog Interfaces) – PCI Express		
TR1034+E2-2L 32bit-MSF	991-001-01	Microsoft Fax Service support for 2 Channel Analog; V.34; PCI Express
TR1034+E4-4L 32bit-MSF	991-001-04	Microsoft Fax Service support for 4 Channel Analog; V.34; PCI Express
TR1034+E8-8L 32bit-MSF	991-001-08	Microsoft Fax Service support for 8 Channel Analog; V.34; PCI Express
TR1034+E2-2L HALF 32bit-MSF	991-002-05	Microsoft Fax Service support for 2 Channel Analog; V.34; PCI Express half-size board
TR1034+E2-2L HALF UK 32bit-MSF	991-002-06	Microsoft Fax Service support for 2 Channel Analog; V.34; PCI Express with approval label for UK half-size board
TR1034+E2-2L UK 32bit-MSF	991-001-02	Microsoft Fax Service support for 2 Channel Analog; V.34; PCI Express with approval label for UK
TR1034+E4-4L UK 32bit-MSF	991-001-05	Microsoft Fax Service support for 4 Channel Analog; V.34 PCI Express with approval label for UK
TR1034+E8-8L UK 32bit-MSF	991-001-09	Microsoft Fax Service support for 8 Channel Analog; V.34 PCI Express with approval label for UK
TR1034+E2-2L ZA/NZ/HK/SG/ID 32bit-MSF	991-001-03	Microsoft Fax Service support for 2 Channel Analog; V.34; PCI Express with approval labels for South Africa, New Zealand, Hong Kong, Singapore, and Indonesia
TR1034+E4-4L ZA/NZ/HK/SG/ID 32bit-MSF	991-001-06	Microsoft Fax Service support for 4 Channel Analog; V.34 PCI Express with approval labels for South Africa, New Zealand, Hong Kong, Singapore, and Indonesia
TR1034+E8-8L ZA/NZ/HK/SG/ID 32bit-MSF	991-006-07	Microsoft Fax Service support for 8 Channel Analog; V.34 PCI Express with approval labels for South Africa, New Zealand, Hong Kong, Singapore, and Indonesia
Microsoft® Fax Service with Dialogic® Brooktrout® TR 1034 Fax Boards (Analog Interfaces) – Universal PCI		
TR1034+P2-2L-R 32bit-MSF	999-169-01	Microsoft Fax Service support for 2 Channel Analog; V.34; Universal PCI
TR1034+P2-2L-R UK 32bit-MSF	999-169-02	Microsoft Fax Service support for 2 Channel Analog; V.34; Universal PCI with approval label for UK
TR1034+P2-2L HALF 32bit-MSF	999-169-10	Microsoft Fax Service support for 2 Channel Analog; V.34; Universal PCI half-size board
TR1034+P2-2L HALF UK 32bit-MSF	999-169-11	Microsoft Fax Service support for 2 Channel Analog; V.34; Universal PCI with approval label for UK half-size board
TR1034+P2-2L-R ZA/NZ/HK/SG 32bit-MSF	999-169-03	Microsoft Fax Service support for 2 Channel Analog; V.34; Universal PCI with approval labels for South Africa, New Zealand Hong Kong and Singapore
TR1034+P4-4L-R 32bit-MSF	999-169-04	Microsoft Fax Service support for 4 Channel Analog; V.34; Universal PCI
TR1034+P4-4L-R UK 32bit-MSF	999-169-05	Microsoft Fax Service support for 4 Channel Analog; V.34; Universal PCI with approval label for UK
TR1034+P4-4L-R ZA/NZ/HK/SG/ID MSF	999-169-06	Microsoft Fax Service support for 4 Channel Analog; V.34; Universal PCI with approval labels for South Africa, New Zealand Hong Kong, Singapore and Indonesia
TR1034+P8-8L-R 32bit-MSF	999-169-07	Microsoft Fax Service support for 8 Channel Analog; V.34; Universal PCI
TR1034+P8-8L-R UK 32bit-MSF	999-169-09	Microsoft Fax Service support for 8 Channel Analog; V.34; Universal PCI with approval label for UK
TR1034+P8-8L-R ZA/NZ/HK 32bit-MSF	999-169-08	Microsoft Fax Service support for 8 Channel Analog; V.34; Universal PCI with approval labels for South Africa, New Zealand, and Hong Kong

Microsoft® Fax Service with Dialogic® Brooktrout® TruFax® Fax Boards – Universal PCI

Trufax 100-R PCI 32bit-MSF	999-169-12	Microsoft Fax Service support for 1 Channel Loop Start; half-size Universal PCI
Trufax 100-R PCI UK 32bit-MSF	999-169-14	Microsoft Fax Service support for 1 Channel Loop Start; half-size Universal PCI for the UK
Trufax 200-R PCI 32bit-MSF	999-169-13	Microsoft Fax Service support for 2 Channel Loop Start; half-size Universal PCI
Trufax 200-R PCI UK 32bit-MSF	999-169-15	Microsoft Fax Service support for 2 Channel Loop Start; half-size Universal PCI for the UK
TruFax 200 Universal PCI for Microsoft Fax Service	994-113-50	2 Channel Loop Start; Universal PCI
TruFax 100 Universal PCI for Microsoft Fax Service	994-113-70	1 Channel Loop Start; Universal PCI
TruFax 200 Universal PCI International for Microsoft Fax Service	994-113-60	2 Channel Loop Start; Universal PCI
TruFax 100 Universal PCI International for Microsoft Fax Service	994-113-80	1 Channel Loop Start; Universal PCI

Microsoft® Fax Service with Dialogic® Brooktrout® TruFax® Fax Boards – PCI Express

TruFax 100E 32bit-MSF	991-002-01	Microsoft Fax Service support for 1 Channel Loop Start; half-size PCI Express
TruFax 200E 32bit-MSF	991-002-02	Microsoft Fax Service support for 2 Channel Loop Start; half-size PCI Express
TruFax 100E UK 32bit-MSF	991-002-03	Microsoft Fax Service support for 1 Channel Loop Start; half-size PCI Express for the UK
TruFax 200E UK 32bit-MSF	991-002-04	Microsoft Fax Service support for 2 Channel Loop Start; half-size PCI Express for the UK

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