



- **Secure Fax**
- **Clear Fax**
- **Printer**
- **Scanner**
- **Copier**
- **PC Fax**

**220VAC
Option**

**COTS Fax
and 90si**

THE MODEL 690 SECURE FAX SYSTEM consists of a Commercial Off The Shelf (COTS) plain paper, multifunctional fax machine and one of our Model 90si Secure Fax Gateway's. This combination provides the best value in a desktop, workgroup, secure fax system. The system comes with everything required to become operational except paper and the GFE crypto.

WORKGROUPS

With a maximum duty cycle of 80,000 pages per month, the 690 can easily support the volume requirements of small and mid sized workgroups. The system can be configured to operate as only a secure fax or, optionally, as both a secure fax and a non-secure fax. The choice is yours. Additionally, the fax has a 50-page automatic document feeder a 250-sheet letter/legal paper cassette.

LOW COST

The Model 690 the lowest cost eecure fax in its' class and is **available on our GSA schedule # GS-35F-0512J.**

VERSATILE / PORTABLE

Because the 690 system consists of a commercial fax and one of our small 90si's, versatility is a given. Many groups use their 690 systems in their offices. When traveling they leave the fax behind and carry their 90si, crypto and a fax modem equipped notebook computer which provides a breifcase-portable secure fax capability. They often find a fax at their destination to ues. Why carry a fax machine around!

SECURE

The 690 can pass classified data at whatever classification level your key material can support. Also, the fax machine and the 90si both have volatile memories.

FREE TECH SUPPORT:

All of our products come with free, unlimited telephone technical support. Call our Secure Fax Help Line at 1-877-851-9814.

COTS Fax Specs appear on the right, 90si specs. appear on the next page.

COTS Facsimile Specifications

PRINTER: Laser, toner-based, up to 42 ppm, up to 1200 x 1200 dpi output; Windows/Mac OS drivers; Emulation: PCL 6, PCL 5e, etc; First copy out as fast as 5 seconds.

FAX: 50 page ADF; Speed: 33.6 Kbps; Resolution: 200 dpi; One-Touch/Auto-Dials: 16/100; Protocol: ITU-T Group 3.

COPY: up to 40 copies per minute; Number of copies: 99 maximum from single original; ADF: Up to 50 originals; Resolution: up to 600 x 600 dpi; Reduce/Enlarge: 25% - 400%.

SCAN: Color CIS; FTP, TWAIN, WIA Compliant; Resolution: 600 x 600 dpi (optical); Color Depth: Input 48-bit, Output 24-bit; Speed: as fast as 1.6 sec/page Black and White, as fast as 6 sec/page Color.

PAPER HANDLING: Universal tray: 250 sheets max, A4, Letter, Legal, Executive, A5, A6, B5; 100 Sheet Multipurpose Feeder.

MEMORY: 2 MB, Volatile. This feature is only available on this COTS fax when purchased from Gateway Fax Systems.

COMPUTER REQUIREMENTS: Windows® 7(32/64-bit), Vista® (32/64-bit),XP(32/64bit),Server2008 (32/64-bit), Server 2008 R2 (64-bit), Server 2003 (32/64-bit); Mac OS X 10.4.0 – 10.7.2; Linux.

INTERFACES (3): 1: RJ-11 Line jack; 2: USB 2.0 (devise and host); 3: 10/100 Base-TX Ethernet.

ENVIRONMENTAL: Size (WxDxH): 16.8" x 16.7" x 17.9"; Weight: 44 lb; Power: 120 VAC, 50/60 Hz (220V-Only Option); Power Consumption: Idle 80W; Max 950W; Typical 610W; Power Save <14W; Sleep <3W; Power Off <0.5W, Energy Star compliant.

CONTENTS OF 690 SHIPMENT: COTS Fax: Fax Machine, Starter Toner (yields approx. 2000 pages), Image Drum (yields approx. 30,000 pages), AC power cord, Telephone cable, Fax software/user's guide on DVD-ROM, Setup Guide; 90si: 90si unit, 5' long RS-232 Red Data Cable, 90si Quick Setup Guide, 110/220VAC Power Supply, AC power cord, Telephone cable.

WARRANTY: Limited 1 year on parts and labor.

MODEL 690 SUPPLIES AND OPTIONS:

Part Number	Description
690-220V	Model 690 with 220VAC-Only Operation.
910	Auto Fax/STE Switch for 1-Line operation.
951	90si-Data to vIPer-Red-Data-Port Adapter.
690-TN	Toner Cartridge, yield approx. 12,000 pages per.
690-DR	Image Drum, yield approx. 30,000 pages per.
690-1Y	Optional 1-Year Extended Warranty.

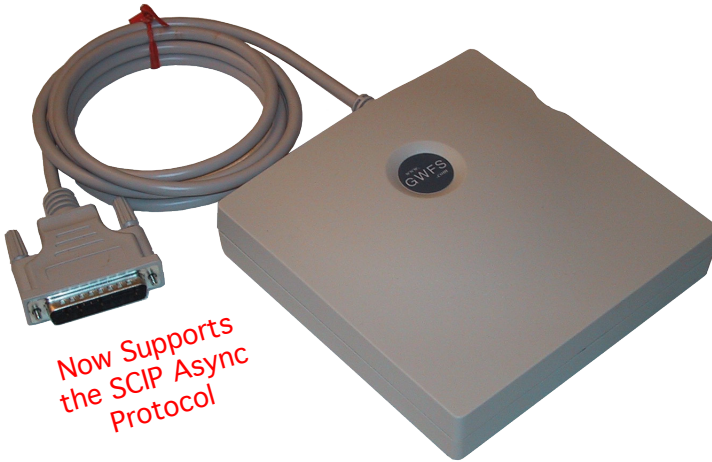
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GATEWAY FAX SYSTEMS

Easy-Fax 90si Secure Facsimile Gateway



Now Supports
the SCIP Async
Protocol

First developed in 1992 specifically for the US Government "secure fax" market, the Easy-Fax 90si Secure Facsimile Gateway allows you to connect any Commercial-Off-The-Shelf (COTS) facsimile device to a STE, Omni, Sectera or other Secure Telephone/Crypto, providing limitless choices for secure fax communications.

CHOICE OF FEATURES

With the Easy-Fax 90si, you can select the feature set that best suits your needs. You no longer have to settle for what specially designed secure machines offer. Plain paper or thermal, low-cost or full-feature, rugged or office, multifunctional or PC based --- the choice is now yours!

CHOICE OF PRICE

The Easy-Fax 90si is the best choice for an economical secure fax system. By combining it with any of the multitude of low-cost commercial fax machines, you have a system that costs far less than specially designed secure faxes. Because the 90si can send both secure and non-secure documents, one fax machine does the work of two! And it's completely automatic.

CHOICE OF COMPATIBILITY

The Easy-Fax 90si ensures compatibility with the current and future network of secure faxes. And the 90si's unique protocol detection technology allows the 90si to select the proper protocol automatically. There are no front panel operator buttons or switches to worry about. Just place the 90si anywhere near your fax and Secure Telephone --- and forget about it.

CHOICE OF THE FUTURE

The Easy-Fax 90si can be used with any current or future Group 3 fax machine without sacrificing secure network compatibility. This leaves you free to economically upgrade your fax system as new products become available or as your requirements change. So explore your options. You'll find that one product protects your right to choose without sacrificing price or performance: GateWay Fax Systems' Easy-Fax 90si - the clear choice for secure facsimile. Explore your options!

Easy-Fax 90si Specifications

COMPATIBLE SECURE TELEPHONES/CRYPTOS: All US Gov't STE, OMNI, Sectera, vIPer, PRC-117//PSC-5/LST-5 (at 16 Kbps), STU-III, STU-II, NATO STU-IIB and other secure telephones/cryptos.

PHYSICAL INTERFACES (Five):

1. Secure Telephone (DB-25F/RS-232 Digital), 6' integral cable; 2. Secure Telephone (RJ-11C Analog); 3. Phone Line (RJ-11C); 4. COTS Fax (RJ-11C); 5. Power from supplied AC power supply (see below)

TRANSMISSION RATE: Secure: 2400, 4800, 9600 bps sync (Mil-Std-188-161) & SCIP Async, 16 Kbps Sync w/PTT (Mil-Std-188-161), Non-Secure: Imposes no restrictions.

PROTOCOL SUPPORT: SCIP Async, MIL-STD-188-161 Type 1, STANAG 5000 Type 1 (less 16kbps uncompressed), CCITT Group 3

SECURE FAX COMPATIBILITY: Secure faxes made by: Cryptek, Ilex, Ricoh, TSP/GTE (now Gateway Fax Systems) & all SCIP Async, MIL-STD-188-161 and NATO STANAG 5000 faxes

REGULATORY APPROVALS: FCC Part 15/68, DISA JITC (Ft. Huachuca, AZ) re-certified 18 JAN 99 and 16 FEB 2010.

ENVIRONMENTAL: Temp: 10 to 40 C, Humidity: 20-80% RH

ELECTRICAL: Input 5 VDC, 6.2 W max., 2.7 W idle.

EXTERNAL POWER SUPPLY: Input: 100-240 VAC Auto Sensing, 50-60 Hz, Output: 5 VDC, 4A Regulated, Phys: 4 x 2 x 1.25 in, .5 Lb.

PHYSICAL: 90si: 5.52 x 5.52 x 1.5 in. (WxHxD), 1 lb, 2.5 oz; shipping box: weight 3.5 Lb, 12.5 x 8.5 x 4.5 in.

STANDARD WARRANTY: 1 year parts-and-labor.

INCLUDED IN BOX: 90si, 6' long modular telephone cord, 90si Quick Reference Guide, power supply, AC power cord.

TECHNICAL SUPPORT: unlimited, free, technical support for 90si, whatever fax you use and your secure phone.

OPTIONS and ACCESSORIES:

Part Number	Description
910	Automatic Fax/STU Switch for 1-Line Operation
951	90si-Data to vIPer-Red-Data-Port Adapter.
90si-1Y	1 Year, Parts and Labor, Extended Warranty

** Available on GSA Contract # GS-35F-0512J **

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GATEWAY FAX SYSTEMS