



Managed File Transfer technology solutions for enterprises that share sensitive data across applications and organizations, and face complex security and compliance mandates

## TDNgin

### Benefits:

- ✓ FIPS 140-2 Certified
- ✓ UCC Certified
- ✓ Scalable trading community
- ✓ Web interface for small partners
- ✓ Real-time transport for larger partners.
- ✓ Archived Messages
- ✓ Sophisticated administration and management services
- ✓ Advanced security



## Secure Messaging and Delivery

TDNgin is a comprehensive business messaging center solution that provides transport, routing and archiving of business documents such as invoices, orders, payment notices and inventory status. TDNgin supports ASI, AS2, secure FTP and VAN connections real-time.

### The Need for Scalability

Customers use TDNgin to consolidate their B2B traffic on one platform regardless of what communications protocol or method your business partner chooses. TDNgin is an integral component of large-scale partner communities, or inter-business applications over VANs.

TDNgin can integrate with enterprise applications to deliver application functionality with high security and scalability over the Internet.

Whether you have one trading partner or thousands, bTrade helps you eliminate the cost, latency and security concerns so that your company can benefit from the economics, speed and scalability of automating mission-critical information and business processed over the Internet.

"For over fifteen years, bTrade has provided FedEx with a stable, reliable, and secure best practice solution for managed file transfer service. We choose bTrade because we cannot tolerate any instability or security risks."

Tom Tompkins, IT  
Manager for FedEx

## KEY FEATURES

### Transport

- FTP
- Single-port FTP
- Automatically resumes FTP on Interrupt
- Secure FTP Client
- Secure FTP Server
- AS2
- AS2 proxy support
- AS1
- AS3
- POP3 Receiver
- HTTP Client and Server
- S/HTTP Client and Server
- S/MIME
- Configurable retry, resend.
- Respects/enforces maintenance windows of remote networks

### Compression

- Comm-Press
- ZLIB
- JPEG
- JPEG2000
- BMP
- TIFF

### Security

- X12.58 Supported

### Certificate Authority

- Creates X.509 certificates
- Supports certificate exchange
- Dual authority supported
- Import certificates
- Exports certificates as Binary, PKCS#7, Base64 and PEM
- Optional self-signed certificates
- Supports certificate chains
- Supports certificate aging
- Supports certificate revocation

### Privacy

- DES, Triple DES, RC2, AES
- Symmetric key

### Non Repudiation

- MD5
- SHA1

### Digital Signatures

- RSA (CP 4.0)
- ISO9796-1
- ISO9796-2

### Security Structure

- X12 3050
- X12 4010
- X12 GS version
- EDIFACT CONFID

### Message Disposition Notification

- S/MIME SHAI MDN
- S/MIME MD5 MDN
- S/MIME unsigned MDN
- S/MIME no MDN
- Reconciliation support

### Filter

- Base64
- Hexadecimal

### Automation

- Pre-processing scripts
- Post-processing scripts
- Partner profile address book
- Configurable retry, resend
- Published APIs

### High Availability Options

- Dialup support
- Configurable retries
- Failover networks

### Database

- Microsoft SQL 7.0+
- DB2 7.2+
- Oracle 8.1.7+

### Archive

- Supports purge trigger
- Active repository
- Configurable online repository
- Offline repository supported.

### Management & Administration

- Web Interface for administration of certificates, relationships, partner and system parameters
- Control Center includes
  - SNMP daemon
  - SMUX protocol

### Hardware Requirements

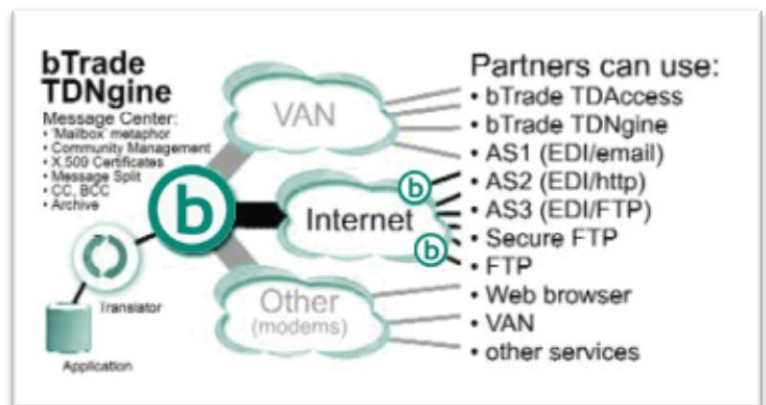
- Minimum 3M RAM
- Minimum 10MB Storage

### OS Support

- Windows NT/2003/2008/XP/Vista.
- HP-UX 11+
- AIX 4.3+
- Solaris 5.8+
- Linux

## The bTrade Difference

bTrade solutions and services eliminate the security, latency and cost concerns so that your company can benefit from the economics, speed and scalability of mission-critical information and processes over the Internet.



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