

Onelign Enables Secure DSCSA File Exchange with MFT Gateway

Onelign's DSCSA platform needed a dependable way to receive EPCIS files from vendors and trading partners over AS2, then hand them off cleanly for automated validation and tracking, without building and maintaining AS2 infrastructure in-house.

COMPANY

Onelign Product Development (bonbloc.com)

INDUSTRY

Healthcare / Pharmaceutical Supply Chain



Background

Bonbloc's Onelign product development team builds technology for healthcare and supply-chain workflows. As part of its DSCSA (Drug Supply Chain Security Act) solution, Onelign manages the exchange and processing of EPCIS files between customers, vendors, and trading partners - the file traffic that keeps pharmaceutical products traceable across the supply chain. MFT Gateway has been part of the Onelign DSCSA solution since its inception in 2024.

Challenge

Reliable, secure exchange of DSCSA-related EPCIS files is a core requirement of the Onelign platform. From day one, Onelign needed:

- A mechanism to receive files from vendors and trading partners and make them available for automated downstream processing
- Secure, standards-based AS2 transport, without diverting engineering time into building and maintaining AS2 connectivity in-house
- The ability to keep file processing and validation logic fully owned by the Onelign platform, separate from the transport layer

Solution

Onelign selected MFT Gateway as its file-transfer layer from the start of the DSCSA platform:

- Vendors and trading partners send EPCIS files over AS2 to MFT Gateway
- MFT Gateway handles AS2 communication and transport-level acknowledgment (MDN)
- Onelign's platform automatically retrieves the delivered files
- Onelign runs the files through its own DSCSA workflows, validation and file-level tracking, without needing to manage the transport layer itself

Deployment

Live since 2024

MFT Gateway has supported the Onelign DSCSA architecture since 2024

Multiple trading partners

Currently connects multiple trading partners

Several thousand files / month

Processed through the gateway

Automated end-to-end

File exchange and processing run automated, cutting manual intervention

Onelign retains application-level visibility into file history, processing status, validation outcomes, and alerts.

Results

- **Compliant, automated EPCIS exchange** - DSCSA file flows run without manual intervention, since 2024
- **Scaled trading-partner network** - multiple vendors and partners connected over a single AS2 gateway
- **High-volume throughput** - several thousand files processed per month
- **Full operational visibility** - file history, processing status, validation outcomes, and alerts all available at the application level
- **Engineering time reallocated** - Onelign's team focuses on validation and tracking logic instead of building or maintaining AS2 infrastructure



MFT Gateway has been a reliable part of our Onelign DSCSA platform since its inception. Its secure AS2 connectivity has enabled us to establish and manage file exchanges with our growing network of trading partners efficiently. The solution has also integrated seamlessly with our automated file-processing workflows, providing the reliability and operational visibility we need to support our DSCSA operations at scale.

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Director – Product Development | Bonbloc

NEXT STEP

See how MFT Gateway handles regulated, high-volume AS2 file exchange for DSCSA and EPCIS workflows.

Book a demo →