



INDUSTRY

Industrial Components & Finished Good Manufacturer



SERVICES PROVIDED

Duty Drawback Program Design & Filing

Data Engineering and Systems Integration

Bill of Materials Analysis

Import and Export Data Reconciliation

Manufacturing Substitution Drawback Claims under 19 USC 1313(b) & Unused Merchandise Drawback Claims under 19 USC 1313j2



DUTY RECOVERY

\$5 million recovered to date

\$12–15 million projected for historical claims

\$6 million per year (ongoing)

HOW A U.S. MANUFACTURER RECOVERED MILLIONS IN DUTIES THROUGH A DATA-DRIVEN DUTY DRAWBACK PROGRAM

Duty Drawback for Complex Bill of Materials

THE CLIENT

A U.S.-based manufacturer producing painting equipment for domestic and international markets. The company manages complex product configurations, with individual bills of material containing hundreds of components with datasets totaling approximately 10 million lines across imports, exports, and production records.

OBJECTIVES

Recover previously unclaimed duties through a compliant duty drawback program

Enable accurate reconciliation of import, export, and bill of material data

Maximize eligible refunds under substitution drawback provisions

THE CHALLENGE

The manufacturer managed highly complex bills of material across millions of import and export records, making prior duty drawback efforts unsuccessful.

Existing providers lacked the systems and data engineering capabilities required to reconcile this volume of data accurately.

The client required a compliant drawback solution that could process large datasets without disrupting production or reporting.

“Green helped us unlock duty drawback that we had been unable to pursue in the past. To date, we have recovered \$5 million, with a clear path to ongoing annual refunds as the program matures. Their ability to work through our data complexity made a meaningful difference.”

TESTIMONIAL | U.S. MANUFACTURER

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THE SOLUTION

Green Worldwide Shipping launched a customized duty drawback program designed to handle enterprise-scale data volumes and complex bills of material. Working closely with its in-house Green Engineered Management team (GEM), Green developed tailored tools to process, normalize, and reconcile millions of lines of import, export, and bill of material data. This approach enabled accurate claim preparation while maintaining full compliance with drawback regulations.

DATA ENGINEERING AND SYSTEMS INTEGRATION

Green engineered a secure data portal to support transfer and processing of large-scale import, export, and bill of material datasets for drawback review.

BILL OF MATERIAL INTEGRATION

Bill of material data was used to align component-level imports with qualifying export activity across complex product configurations.

DUTY DRAWBACK CLAIM EXECUTION

Imports and exports were reconciled at scale to support compliant drawback filings covering Section 301 and Most Favored Nation duties. Claims were structured to support both ongoing recovery and retroactive filings within the allowable five-year statutory period.

PROJECT RESULTS

The duty drawback program has delivered \$5 million in refunds to date, with first recovery achieved in 2024 following program launch in 2023. The structured approach established repeatable procedures for ongoing claims while enabling retroactive recovery for prior eligible years.

The program continues to support consistent compliance, scalable data processing, and sustained duty recovery aligned with the client's production and export activity.

Duty drawback enabled
recovery of previously
unclaimed duties
for complex
manufactured products

\$5 million recovered to date, **\$12-15 million** expected for historical claims, and up to **\$6 million per year** in ongoing duty drawback refunds

FOR DUTY DRAWBACK & COMPLIANCE SUPPORT

Contact Green Worldwide Shipping.

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