



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

LEARN MORE AT
GREENWORLDWIDE.COM



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.

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

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.

FOR DUTY DRAWBACK & COMPLIANCE SUPPORT

Contact Green Worldwide Shipping.

Kate Rayer, LCHB, CCS
Vice President, Regulatory Services
ker@greenworldwide.com

