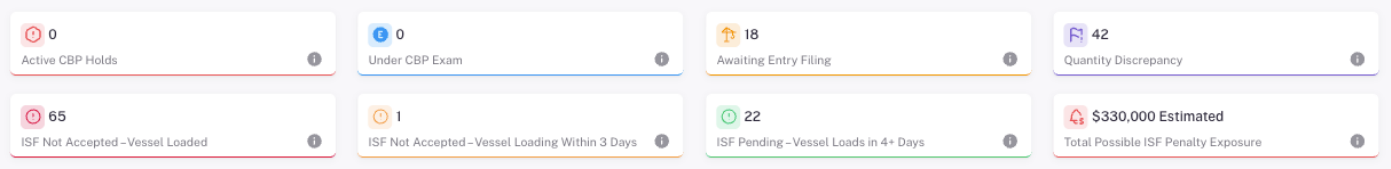
Customs Alarms

Know when customs creates a problem for your freight.

Gnosis combines U.S. Customs and Border Protection (CBP) events with live shipment milestones to identify filings, holds, exams, and releases that need attention.

When a shipment meets a risk condition, it appears in the Customs Alarms view. See which shipments need attention, why, and when.



Customs Alarms view · one widget per alarm type, with total estimated ISF penalty exposure. Quantity discrepancy available as an add-on. Illustrative data.

How it works

Customs Alarms evaluates two types of information against a set of rules. When a customs status and a shipment milestone meet a defined condition, Gnosis flags the affected bill of lading.

Gnosis retrieves customs milestones directly from CBP as an approved Automated Broker Interface (ABI) vendor. Alarms are evaluated primarily at the master bill of lading (MBL) level, with related house-bill and container information available where applicable.

Customs data · from CBP

- ISF acceptance status
- Customs holds and releases
- Customs exams
- Entry and release status

Shipment data · live milestones

- Mother-vessel load date
- Vessel ETA and arrival
- Container movements
- Shipment and bill information

↓

Configured condition

Rule evaluation

A customs status and a shipment milestone are checked against each enabled rule and its warning window.

↓

Output

Affected bill flagged

The bill of lading appears in the matching Customs Alarms view.

Resolution

Condition clears

The alarm is removed when the defined customs event is received from CBP.

Example

ISF at risk

One rule, read as a sequence: the condition that opens the alarm, where it appears, and the event that closes it.

The rule	The mother vessel is scheduled to load within three days, and CBP has not accepted the ISF.
The alarm	The shipment appears in the ISF at-risk view.
The resolution	The alarm clears when CBP acceptance is received. If the vessel loads first, the shipment moves into the loaded/not accepted condition.

ISF alarms

Watch the load date and the acceptance status.

ISF monitoring uses CBP acceptance (event code **3Z**), rather than relying solely on confirmation that a broker or filing system submitted the paperwork.

ISF at risk

Identifies shipments approaching mother-vessel loading without an accepted ISF.

Trigger	The load date falls within the configured warning window and CBP has not accepted the ISF.
Resolution	CBP acceptance is received (**3Z**).
Configurable	Warning window. Default: three days before mother-vessel loading.

ISF loaded / not accepted

Identifies shipments that have reached their mother-vessel load date without CBP acceptance.

Trigger	The mother-vessel load date is today or earlier and ISF status is not accepted.
Resolution	CBP acceptance is received (**3Z**).
Configurable	Shipment and route exclusions, exception visibility, and recipients where notifications are enabled.

ISF hold or do-not-load

Identifies ISF-related holds and instructions that prevent loading.

Trigger	CBP issues a recognized ISF hold or do-not-load event.
Resolution	CBP posts the corresponding hold-removal event.
Configurable	Which teams need visibility and any associated notifications.

CBP event reference

ISF holds and do-not-load instructions, with the event that removes each one.

Event **3U** removes the ISF reference from the bill and returns its status to pending.

Event	Meaning	Removal
2O	No ISF on file — hold	**4O**
2P	ISF compliance issue — hold	**4P**
2Q	No ISF on file — do not load	**4Q**
2R	ISF compliance issue — do not load	**4R**

About ISF deadlines

For applicable shipments, ISF filing is generally required at least 24 hours before loading. The loaded/not accepted alarm uses the mother-vessel load date as its trigger.

A late alarm is an operational warning, not a legal determination of a violation.

An ISF violation can create up to **$5,000 in potential liquidated damages**. Gnosis can estimate possible exposure for flagged bills, but an alarm does not mean a penalty has been assessed.

Customs holds, exams, and release

Know what's stopping your freight from moving.

Gnosis connects CBP events to the same shipment records used for tracking. Customs and transportation teams can see which shipments are held, under examination, or awaiting release.

Active CBP hold

Identifies shipments with an unresolved customs hold.

Gnosis also receives hold signals from ocean carriers, terminals, and rail providers.

Trigger	A recognized CBP hold exists without its corresponding release.
Resolution	CBP posts the matching release event.
Configurable	Who needs visibility, including transportation and drayage teams.

CBP event examples

Hold	Release
1H — CBP hold	**1I**
2H — Miscellaneous hold	**2I**
3H — Other government agency hold	**3I**
5H — Entry-processing hold	**5I**

Active customs exam

Identifies shipments undergoing an exam or transferred for examination.

Some exam events appear as **On hold** in the customs status field, while others appear as **In exam**. Gnosis checks both.

Trigger	CBP posts a recognized exam or transfer-for-exam event without an applicable release.
Resolution	The corresponding release or clearance event is received.
Configurable	Which customs, transportation, or drayage teams need visibility.

CBP event examples

Exam event	Release
1A — Entered, intensive exam required	**1B**
1X — Transferred for exam	Later **1B** or **1C**
7H — X-ray exam	**7I**
71 — Intensive exam	**74**
72 — Document review	**75**
73 — Fumigation	**76**

Customs release pending

Identifies shipments that have arrived without the required customs release.

Trigger	CBP reports conveyance arrival (**19**), no applicable entry, release, or in-bond authorization has posted, and the shipment remains active.
Resolution	CBP posts the customs release (**1C**).
Configurable	Advance-warning window. Standard monitoring begins at CBP arrival; an earlier ETA-based warning can be added.

A note on filing status

CBP does not provide one universal event confirming that a customs entry has simply been filed. This alarm primarily monitors release status. Shipments entered for examination (**1A**) or authorized to move in bond (**1J**) require separate handling to avoid misleading alarms.

Configuration

Make the alarms fit the way you work.

Your Gnosis Solutions Engineer configures Customs Alarms around your shipment population, operating rules, and exception owners. The module works alongside your existing customs broker or filing system.

What can be configured

Setting	Options
Shipment coverage	Select qualifying U.S.-bound shipments and exclude routes or shipments that do not require ISF monitoring.
Alarm views	Choose the ISF, hold, exam, and customs release conditions your team needs to monitor.
Warning windows	Set how early a shipment should be flagged. ISF defaults to three days before mother-vessel loading.
Users and access	Choose who can access Customs Alarms configuration and which teams need visibility into each exception.
Email notifications	Immediate alerts or scheduled digests can be configured on request. Notifications are not enabled by default.
Additional rules	Gnosis can configure customer-specific filters, carrier or broker logic, and additional views.

Coverage and limitations

U.S. imports

Current standard coverage is designed for direct U.S.-bound imports. ISF alarms exclude routes where an ISF is not required, including applicable Canadian-port routings.

Bill-level monitoring

Customs events are primarily evaluated by master bill of lading. Where relevant, Gnosis connects house-bill events and container movements to the monitored shipment.

Filing and monitoring

Customs Alarms monitors filing status, holds, exams, and release conditions. It does not submit ISFs or customs entries. Gnosis offers ISF filing separately.

Related checks

Gnosis can also identify mismatches between bill and container tracking records. These checks are separate from the Customs Alarms described here.

Available as add-ons

Quantity/carton discrepancies, dedicated in-bond alarms, and automatic escalation of unresolved alarms are not part of the standard offering, but available as add-ons.

Getting started

Your Gnosis Solutions Engineer will work with you to identify qualifying shipments, choose which alarms to enable, set warning windows and exclusions, and assign exception owners.

Once configured and validated against live shipment data, Customs Alarms provides a continuously updated view of the exceptions that need attention.

The system watches the freight. Your team handles what matters.

Customs Alarms depend on the timeliness and accuracy of data received from CBP and third-party sources. The customer and its customs broker remain responsible for compliance with all applicable customs requirements.