

Illumio App for ServiceNow

Accelerate your microsegmentation journey with immediate workload visibility using your CMDB

Use your CMDB to manage all workload information in one place

Ingest labels from ServiceNow

Illumio uses a multi-layered labeling system to organize and describe workloads. Labels turn the technical details like IP addresses, ports, and processes into simple, easy-to-understand, “plain language” terms to attach metadata to workloads.

Using a Configuration Management Database (CMDB) like ServiceNow to manage all workload labels creates a central place for this metadata. Though you can create labels for workloads in the Illumio platform, many labeling systems are already set up across the infrastructure.

By bringing these workload labels directly into the Illumio Policy Compute Engine (PCE) from your CMDB, it's much easier to see and enforce policy.

Save hours of time on an ongoing basis

The Illumio App for ServiceNow can collect workload information from ServiceNow's database. This helps find labels for workloads that ServiceNow manages. The app regularly sends updates from ServiceNow to the Illumio PCE about new workloads and any changes to their labels.

These regular updates keep Illumio's labels up to date and show any changes made to workloads in the system. Using this updated information is key to creating a clear labeling model.

With this knowledge, it's easy to apply labels to each workload. You can then use these labels to see how workloads communicate and to enforce microsegmentation policies.

Key benefits

Get instant visibility into your workloads

Once Illumio collects workload information from ServiceNow, it shows a clear view of all workloads and their traffic.

Use your CMDB for app dependencies

ServiceNow acts as the main source for all workload labels. This helps Illumio quickly create and enforce security policies between applications.

Accelerate your segmentation journey

Quickly onboard your workloads and set granular microsegmentation rules that control communication to allow only what is necessary and desired.

How it works

The ServiceNow CMDB finds both managed and unmanaged workloads in the ServiceNow app. It sends this information, including the type of workloads and their labels, to the Illumio PCE.

Illumio collects workload data at regular intervals using the ServiceNow management, instrumentation, and discovery (MID) server. If ServiceNow adds, removes, or changes labels on any workloads, Illumio updates the labels for both managed and unmanaged workloads to keep metadata consistent.

The Illumio app for ServiceNow allows for unlimited labels and can work with multiple PCE instances. You can customize the CMDB fields from ServiceNow to match PCE labels. You can also import labels manually or with an automatic bulk sync.

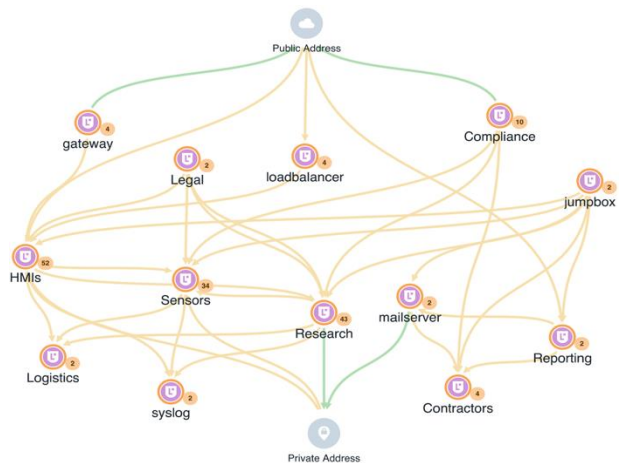
Label-based microsegmentation

Illumio uses labels to show all application dependencies across all workloads. It defines boundaries based on business priorities rather than network addresses.

Eventually, you will be breached. And all breaches have one thing in common: They tend to spread between workloads through open connections.

Instead of searching for threats first and then deciding what to do, Illumio Zero Trust Segmentation (ZTS) removes all blind spots and proactively sets granular microsegmentation policies between workloads. This shuts down lateral movement and stops breaches from spreading.

Even an undetected threat can't infect nearby workloads because Illumio blocks the paths malwares uses to spread. ZTS is the first step to building a complete zero-trust security architecture, and Illumio makes that foundation possible.



Illumio enables label-based microsegmentation

Application functions

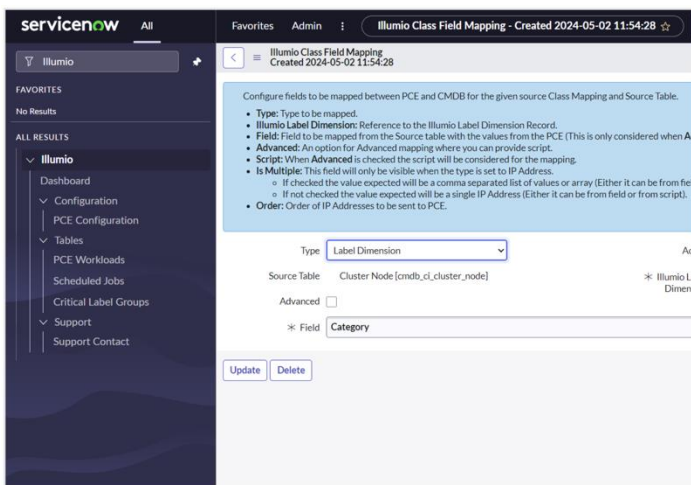
The Illumio App for ServiceNow has a dashboard that lets you see the CMDB data that will be imported into the Illumio PCE. The app works with Illumio PCE versions 22.5, 23.2, and 23.5 and ServiceNow versions Utah, Vancouver, and Washington, D.C.

Version 2.0 of the app can:

- Create new label types and update existing labels
- Support unlimited Illumio RAEL labels
- Cancel or continue jobs when a job limit is reached
- Cancel a scheduled job
- Work with multiple PCEs

Get started today

Download the Illumio App for ServiceNow on the [ServiceNow Store](#).



The ServiceNow app dashboard for Illumio

About Illumio



Illumio, the Zero Trust Segmentation company, stops breaches and ransomware from spreading across the hybrid attack surface. The Illumio ZTS Platform visualizes all traffic flows between workloads, devices, and the internet, automatically sets granular segmentation policies to control communications, and isolates high-value assets and compromised systems proactively or in response to active attacks. Illumio protects organizations of all sizes, from Fortune 100 to small business, by stopping breaches and ransomware in minutes, saving millions of dollars in application downtime, and accelerating cloud and digital transformation projects.

Copyright © 2024 Illumio, Inc. All rights reserved. Illumio® is a trademark or registered trademark of Illumio, Inc. or its affiliates in the U.S. and other countries. Third-party trademarks mentioned in this document are the property of their respective owners.