



# Cisco License Manager 2.1 Executive Overview



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# Agenda

- Overview
- Benefits
- Activation Workflows
- Architecture
- Supported Products
- Summary
- Q & A

# Overview

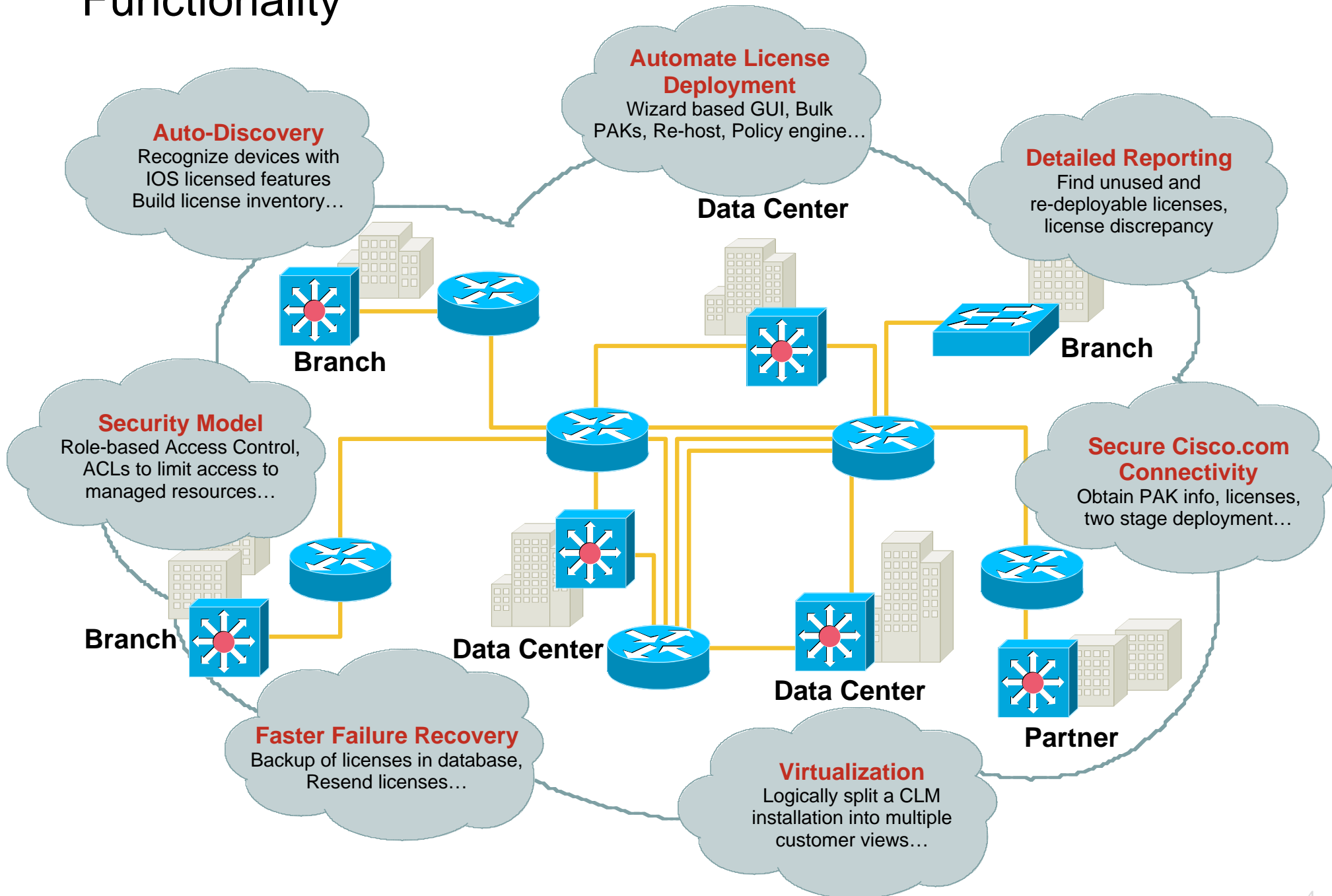
## Cisco License Manager

- Key component of Cisco Software Activation
- Supports network-wide license discovery, deployment and tracking
- Minimizes operational cost to customers via policy based license management



# Overview

## Functionality



# Benefits

## Reduced Complexity

- **Lower TCO** by automating license workflows
- **Simple** to Install and use
- Aids in **Audit compliance** via advanced license reports
- **Simplify** license transfers
- **Secure communication** with Cisco.com



# Benefits

## Enhanced Security and Virtualization

- **Role Based Access Control** via user roles
- **Access Control Lists** limit access to PAKs and Devices
- **Virtualize** one CLM installation into multiple customer views



# Benefits

## Increased Productivity

- Enables customers to **rapidly** roll out **new services** by **accelerating** license deployment
- **Reduces** the time of large scale license deployment
- Policy based license management interface enables **Write-Once, Run-Again**
- Obtain licenses for **pre-deployed** devices
- **Scales** to 30,000 devices



# Benefits

## Investment Protection

- Support **all** Cisco IOS software licenses

**NEW!**

Automate licensing for ISRs, AIM, UC500 Series

- **Integration with** CiscoWorks and Cisco Configuration Professional
- **Java and Perl Software Development Kits (SDK)** to integrate with existing applications



# Benefits

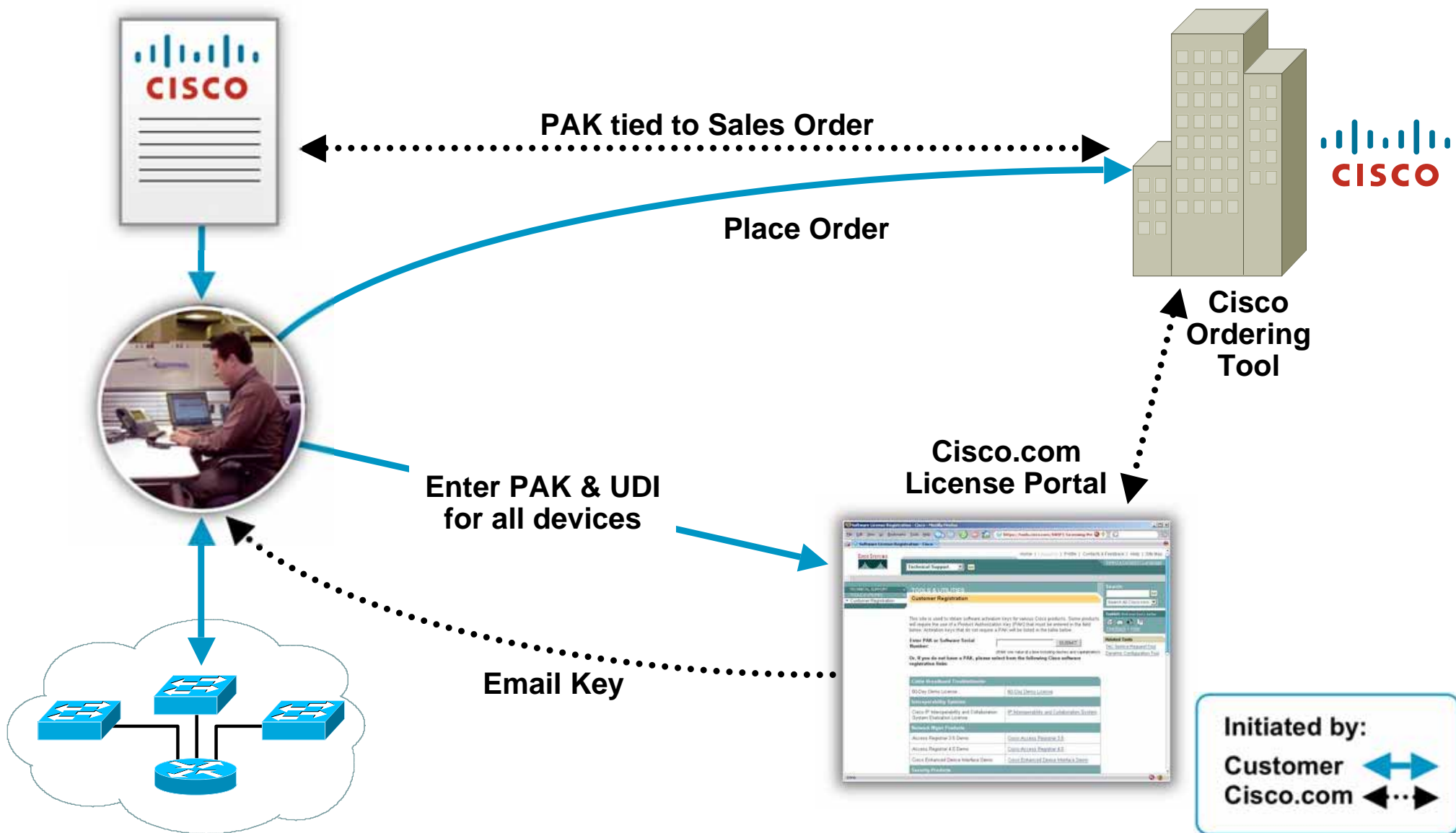
## Faster Failure Recovery

- **Restore** device licenses from **database** backup
- Ability to **resend** all licenses from Cisco.com and **deploy** them with “One Click”
- Extensive **troubleshooting** capabilities



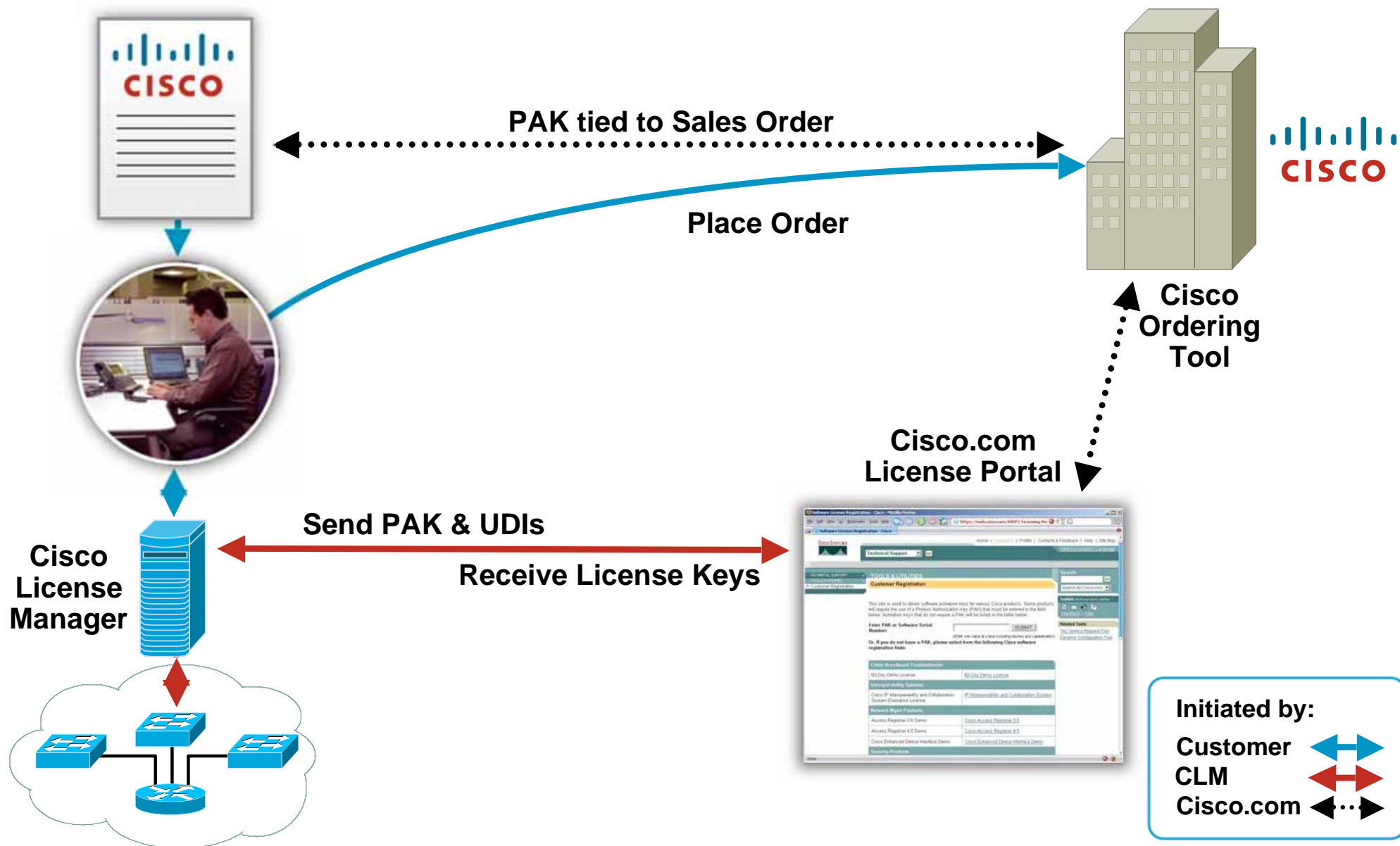
# Activation Workflow

## Before CLM



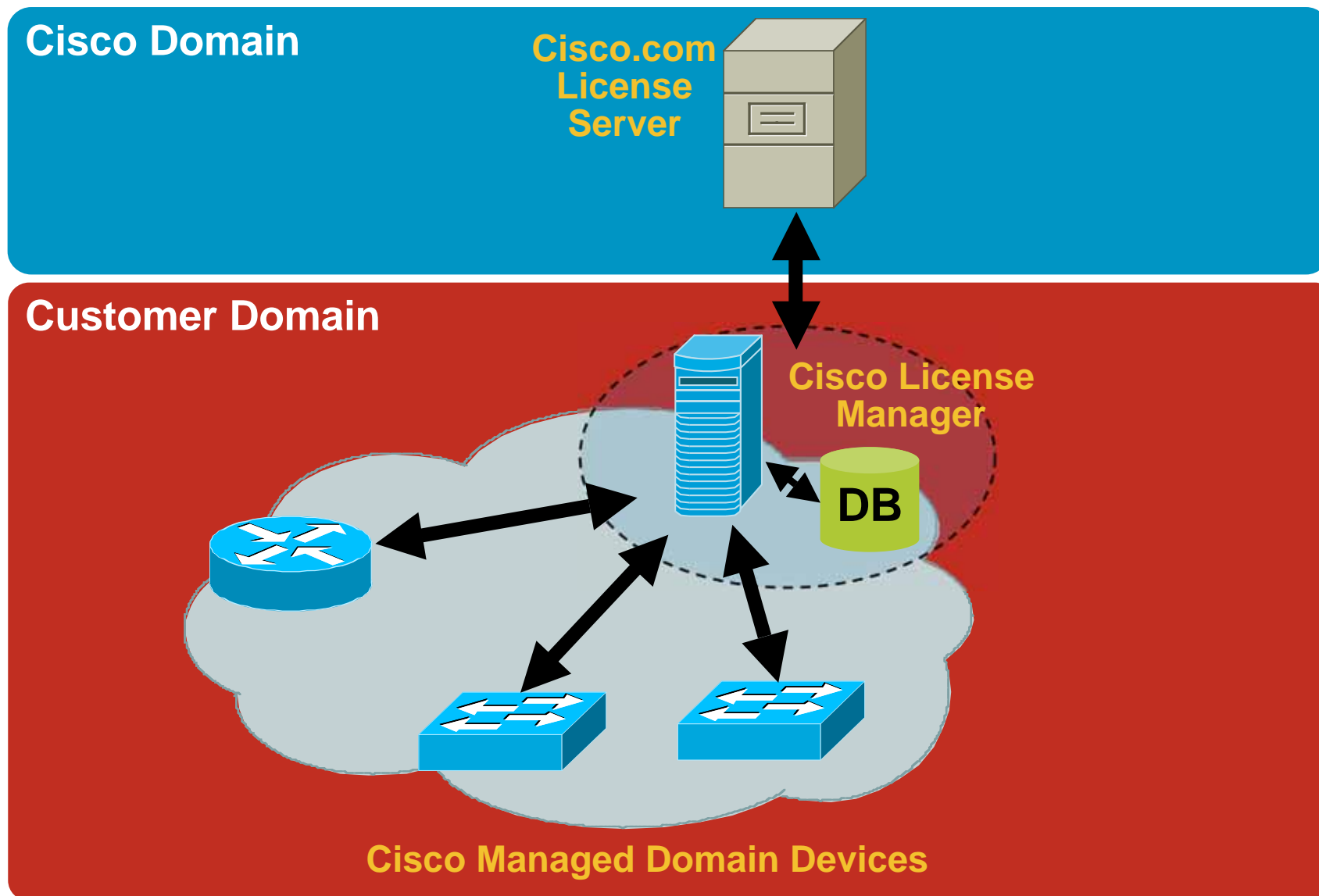
# Activation Workflow

## After CLM



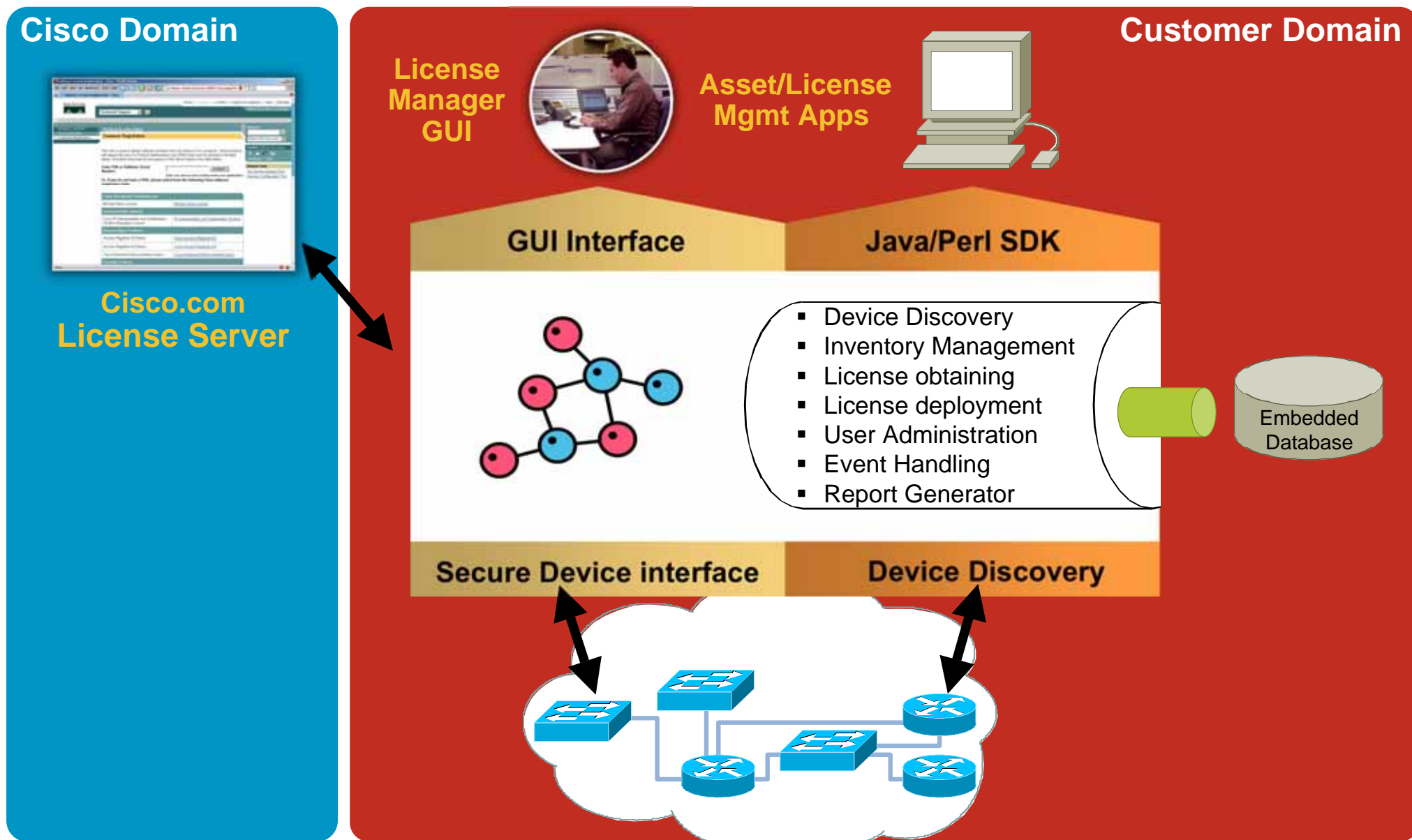
# Architecture

## Functional Hierarchy



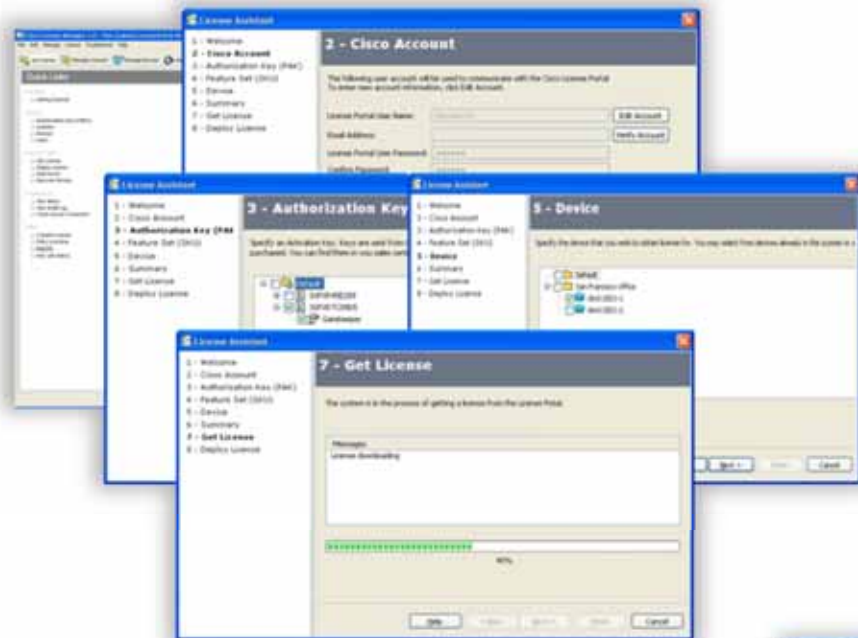
# Architecture

## Functional Overview

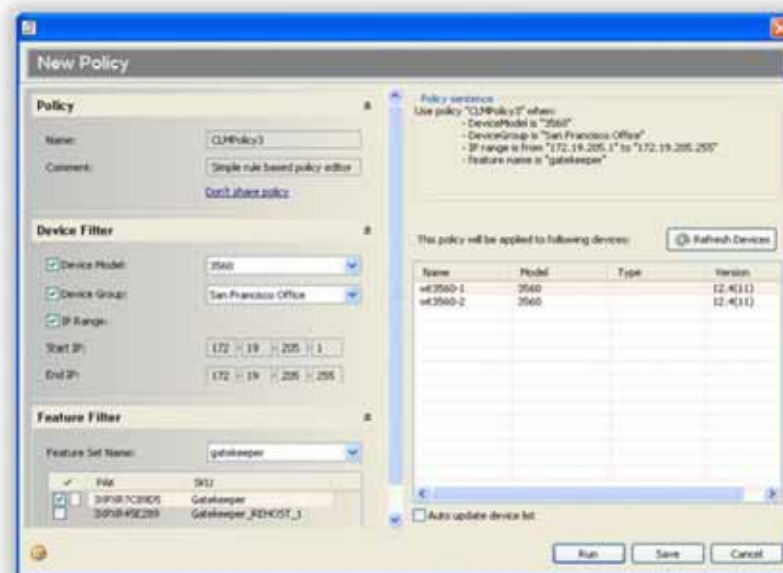


# Usage

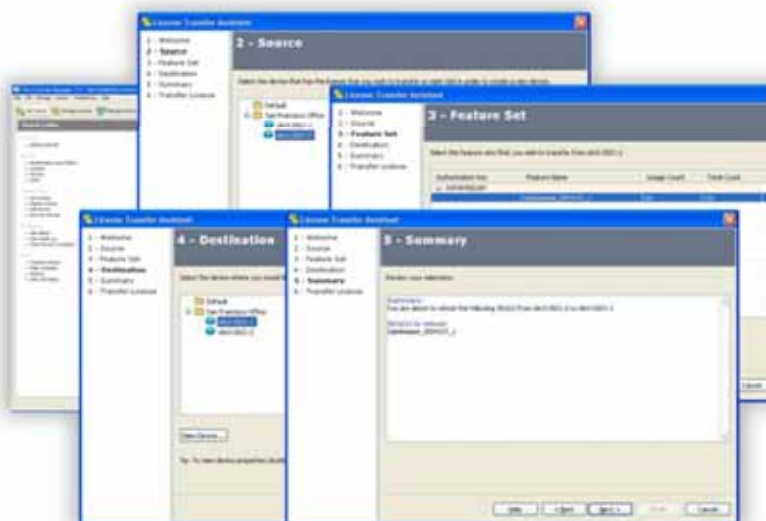
## License Management



Wizard for Obtaining Licenses



Policy Based License Management



Wizard for License Transfers

# Supported Products

- Cisco License Manager part numbers:

Cisco License Manager Client and Server Software is available **FREE** of cost

Only via [download](#) from Cisco.com


Optional products **sold** separately

CLM2.1-JAVA-SDK, CLM2.1-JAVA-SDK-U, CLM2.1-PERL-SDK, CLM2.1-PERL-SDK-U

- Supports Software Activation and License Management for

Cisco Catalyst 3750-E and 3560-E Series Switches

Cisco Catalyst Blade Server (CBS) 3100 Series Switches

 Cisco Modular ISRs—2811, 2821, 2851, 3825, 3845

 Cisco Universal Gateways—AS5350XM, AS5400XM

 Cisco Fixed ISRs—C860, C880

 Cisco Unified Communications 500 Series

 Cisco Intrusion Prevention System Advanced Integration Module

# Summary

- Cisco License Manager automates Cisco software licensing workflows and scales to 30,000 devices
- Detailed reporting capabilities aid in Audit compliance
- Full functionality Java and Perl Software Development Kits (SDK) enable easy integration

# Q and A





**CISCO**