

# Cisco Smart+Connected Operations Center – Wizeye

The Wizeye solution for the Cisco Smart+Connected™ Operations Center consumes real-time, heterogeneous data. It produces a meaningful, interactive canvas for rapid and successful deployment to support smart city operations.

## Product Overview

The Wizeye product offering provides state-of-the-art visualization, monitoring, and analytics functions. Smart city operators are able to use Wizeye for perspective visuals of their city operations, helping them locate and respond to issues in real time. The product’s big data engine specifically addresses analytics and reporting.

The Wizeye product offering is purpose built to augment the Cisco Smart+Connected Operations Center Innowatch solution. It enables city operators to generate dynamic topologies that enable better collaboration using a single-pane-of-glass view. Wizeye is able to connect to and integrate with several existing systems, allowing city operations centers to source data from various departments for visualization, reporting, and analysis.

The solution is available in both on-premises and cloud deployment models.

## Features and Benefits

Table 1 lists the features and benefits of the Wizeye solution.

**Table 1.** Features and Benefits

Feature	Benefit
<b>Visualization topology generator</b>	Improves response times and collaboration, for a better ability to handle dependencies
<b>Multidimensional data correlation</b>	Strengthens Smart+Connected Operations Center Innowatch capability, enabling better decision planning across city agencies
<b>Diagnostics for symptomatic anomalies</b>	Lowers the total cost of ownership due to optimal resource planning
<b>Analytics and forecasting</b>	Increases operations reliability due to predictive analytics of applicable systems

## Prominent Feature/Differentiator/Capability

### Rapid Insight Discovery Through Improved Governance

Wizeye’s multidimensional topology enables the city operator to never miss the “golden time for action.”

- New monitoring perspective with zooming capability allows for contextual viewing
- Holistic operations monitoring
- Multidimensional layers that provide visible context to everyone

## A Paradigm Shift in How Operators Work Through Insight Collaboration

Wizeye dramatically improves the efficiency of collaboration by supporting communications between varying domain and department experts.

- Smart filters allow for rapid discovery of root cause through visual data query
- Multimedia reports can be shared through real-time screen sharing
- Interactive playback helps operators refine standard operating procedures by revisiting past incidents
- Insight Designer adds agility to the smart city data view model

## Platform Support/Compatibility

Table 2 lists the platform support for the Wizeye solution.

**Table 2.** Platform Support

Product Family	Platforms Supported
Foundational stack	IHS, HTTP, OAM, OCM
Core	Java, Oracle, Obiee, Oracle Erp, Teradata, Selectica
Middleware	Weblogic, Websphere, Tomcat, Layer 7, Tibco
Operating systems	Linux, Unix, Windows

## Licensing

Table 3 gives details for the on-premises licensing model. A hosted model is also available.

Contact [scc-pm@cisco.com](mailto:scc-pm@cisco.com) for more information.

**Table 3.** On-Premises Licensing

Product Type	Product ID	Description	Type
Server side – CS (control server)	WE-BASIC	Wizeye Control Server Perpetual (all-inclusive)	Software license
Server side – DS (data server)	WE-DATA-100	Wizeye Data Server – up to 100 map license <sup>*</sup>	Software license
Client side – WU (user license)	WE-VW-DATA-10U	Wizeye Viewer Data Visualization – up to 10 named users license <sup>**</sup>	Software license

<sup>\*</sup> Charged in 100-map increments.

<sup>\*\*</sup> Charged in 10-user increments.

## Product Specifications

**Table 4.** Control Server Module – Open UI

Feature	Description
Multimedia report	Immediate report available for watching real-time cross-functional (interorganizational/between upper and lower class) operation screen
Insight Designer	Easy-to-use UI and data source modification function
Interactive playback	Playback function on the integrated data/video/GIS information UX
Smart filter	Automatically sets the user view as the data search range

**Table 5.** Control Server Module — Platform

Feature	Description
<b>End-to-end collaboration</b>	Real-time insight sharing for operation and business decision making
<b>Cloud</b>	Private and public cloud support
<b>In-house big data engine</b>	Open-source-based powerful big data engine support
<b>Dynamic topology generator</b>	Automatic infrastructure change and topology creation

**Table 6.** Data Server Module

Feature	Description
<b>Multidimensional visualization</b>	Multidimensional visualization through zoom, pan of UX functions
<b>IT service management monitoring</b>	Application, database, host, log file
<b>Business monitoring</b>	Business transactions
<b>Operations monitoring</b>	Operational data
<b>Video monitoring</b>	Video collection and storage from CIF to Full HD level resolution (pixel on demand, remote desktop solution)

**Table 7.** Web-Based Client Module

Feature	Description
<b>Web browser enabled</b>	No application needed
<b>Real-time system monitoring</b>	Supports aggregated infrastructure monitoring and work environment
<b>Single-pane-of-glass view</b>	Physically zooms in to logical map architecture
<b>Play back the whole process in time and navigate with zoom</b>	Allows continuous improvement of standard operating procedures

## System Requirements

**Table 8.** System Requirements for Control Server Module

Component	Requirement
<b>CPU</b>	UCS-CPU-E78890D E7-8890 v3/UCS-CPU-E78890D/UCS-CPU-E78880LD E
<b>Memory</b>	UCS-ML-2X648RY-E 2x64GB DDR3-1600-MHz LRDIMM/PC-12800/octal rank/x4
<b>HDD</b>	SSDs 12-Gbps drives UCS-SD800G12S4-EP 800 GB 2.5 inch Enterprise Performance 12G SAS SSD (10X endurance) SAS 800 GB
<b>Operating system</b>	Centos/RHEL

**Table 9.** System Requirements for Data Server Module

Component	Requirement
<b>CPU</b>	UCS-CPU-E78890D E7-8890 v3/UCS-CPU-E78890D/UCS-CPU-E78880LD E
<b>Memory</b>	UCS-ML-2X648RY-E 2x64GB DDR3-1600-MHz LRDIMM/PC-12800/octal rank/x4
<b>HDD</b>	SSDs 12-Gbps drives UCS-SD800G12S4-EP 800 GB 2.5 inch Enterprise Performance 12G SAS SSD (10X endurance) SAS 800 GB
<b>Operating System</b>	Centos/RHEL

**Table 10.** System Requirements for Web-Based Client Module

Component	Requirement
CPU	i5
Memory	8 GB
HDD	500 GB
Operating system	Any
Internet browser	Chrome

## Ordering Information

Tables 10 through 13 outline the product information for the Cisco Smart+Connected Operations Center Wizeye solution and Cisco UCS™ hardware products. These SKUs are orderable in Cisco Commerce Workspace (<https://apps.cisco.com/Commerce/home>).

**Table 11.** Wizeye Ordering Information

Part Number	Product Description
SP-SCCIM-OC-WE-CS	CS: Wizeye Control Server Perpetual (all-inclusive)
SP-SCCIM-OC-WE-DS	DS: Wizeye Data Server – up to 100-map license*
SP-SCCIM-OC-WE-U	WU: Wizeye Viewer Data Visualization – up to 10 named users license**

**Table 12.** Cisco UCS SKUs for Control Server

Product Name	Part Number	Quantity
Cisco UCS B460 M4	UCS B460 M4	1
UCS-CPU-E78890D E7-8890 v3/UCS-CPU-E78890D/UCS-CPU-E78880LD E	UCS-CPU-E78890D	1
UCS-ML-2X648RY-E 2x64GB DDR3-1600-MHz LRDIMM/PC-12800/octal rank/x4	UCS-ML-2X648RY-E	1
SSDs 12 Gbps Drives UCS-SD800G12S4-EP 800 GB 2.5 inch Enterprise Performance 12G SAS SSD (10X endurance) SAS 800 GB	UCS-SD800G12S4-EP	1
Centos/RHEL	OS	1

**Table 13.** Cisco UCS SKUs for Data Server

Product Name	Part Number	Quantity
UCS B460 M4	UCS B460 M4	1
UCS-CPU-E78890D E7-8890 v3/UCS-CPU-E78890D/UCS-CPU-E78880LD E	UCS-CPU-E78890D	1
UCS-ML-2X648RY-E 2x64GB DDR3-1600-MHz LRDIMM/PC-12800/octal rank/x4	UCS-ML-2X648RY-E	1
SSDs 12 Gbps Drives UCS-SD800G12S4-EP 800 GB 2.5 inch Enterprise Performance 12G SAS SSD (10X endurance) SAS 800 GB	UCS-SD800G12S4-EP	1
Centos/RHEL	OS	1

## Cisco and Partner Services

The Cisco Smart+Connected Operations Center Wizeye solution is backed by Cisco Technical Services. It offers level 1 support for triaging issues and does case management until the issue is resolved. Table 13 lists the Cisco Technical Assistance Center (TAC) SKUs that are a mandatory attach to all Wizeye SKUs.

**Table 14.** Technical Services Ordering Information

Product ID	Service Suffix	Service Description
SP-SCCIM-OC-WE-CS	CON-SSPTS-OCWECS	S+C Operations Center, Data Control Server
SP-SCCIM-OC-WE-U	CON-SSPTS-OCWEU	S+C Operations Center, Data Visualization Viewer, up to 10 N
SP-SCCIM-OC-WE-DS	CON-SSPTS-OCWEDS	S+C Operations Center, Data Server, up to 100 Map License

Table 15 gives a current list of approved partners.

**Table 15.** Approved Partners

S. No	Partner	Partnership Areas	Geographic Coverage	Web Link
1	Willowglen Services	Sales, implementation, and maintenance	Singapore and Malaysia	<a href="http://www.willowglen.com.sg/">http://www.willowglen.com.sg/</a>
2	Paradigm Mtuity	Sales, implementation, development, and maintenance	India and North America	<a href="http://mtuity.com/index.html">http://mtuity.com/index.html</a>
3	Universal Access and Systems Solutions	Sales, implementation, and maintenance	Philippines	<a href="http://uas.com.ph/">http://uas.com.ph/</a>
4	Hankook Technology	Sales and implementation	Korea	<a href="http://www.myht.co.kr/">http://www.myht.co.kr/</a>

## Cisco Capital

### Financing to Help You Achieve Your Objectives

Cisco Capital<sup>®</sup> can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

### For More Information

For more information, please refer to the following:

[http://www.cisco.com/c/en\\_in/solutions/industries/smart-connected-communities/city-operations-center.html](http://www.cisco.com/c/en_in/solutions/industries/smart-connected-communities/city-operations-center.html).



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