

# Documentation Guide

As a part of the system manual, the documentation guide introduces reading foundation, reading guide, and common conventions in the documentation.

## Section 1 Reading Foundation

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Before reading the system documentation, you need to master the basic knowledge in the following fields:

- Electronic technology
- Automatic control
- Network basics
- Basic knowledge of data algorithms

## Section 2 Preparation Task

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Before reading manuals in this system, you need to install Adobe Reader. The installation program of Adobe Reader in Chinese and English is included in the CD-ROM of the system user manuals. Please install it according to your needs.

## Section 3 System Documentation Navigation

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Navigation table is shown as follows.

If you want to...		Refer to...
Get to know the system		<ul style="list-style-type: none"><li>● <i>OMC System Overview</i></li><li>● <i>Glossary for OMC System</i></li></ul>
Install	Hardware installation and wiring	<ul style="list-style-type: none"><li>● <i>Installation Guide</i></li><li>● <i>Control Station Hardware User Manual</i></li><li>● User manuals of single modules, such as <i>AI711-S11 User Manual</i></li></ul>
	Software Installation and Initialization	<ul style="list-style-type: none"><li>● <i>Operating system installation guide</i></li><li>● <i>OMC Software Installation and Initialization Guide</i></li></ul>
For OMC High-performance HMI	Configuration	<ul style="list-style-type: none"><li>● <i>Project Guide</i></li><li>● <i>System Builder User Manual</i></li><li>● <i>HMI Config Software User Manual</i></li></ul> <p>Among them, <i>Project Guide</i> contains the overall configuration process, and the specific configuration can refer to the specific user manual. For example, when drawing a flowchart, you can refer to <i>Graphics Builder User Manual</i>.</p>

If you want to...		Refer to...
	Monitor and Maintenance	<ul style="list-style-type: none"> <li>● <i>Operator Guide</i></li> <li>● <i>Real-time Monitoring software User Manual</i></li> <li>● <i>Diagnosis Software User Manual</i></li> <li>● <i>History Fault Diagnosis Offline Viewer User Manual</i></li> <li>● <i>Historical trend offline viewing software manual</i></li> </ul> <p><i>Operator Guide</i> contains the overall monitoring process. When using the designated software to perform maintenance tasks, you can refer to the designated software manual, such as <i>VxDataAnalyzer User Manual</i>, etc.</p>
	Typical feature configuration	<p>The system manual also contains some configuration manuals with typical features, mainly including:</p> <ul style="list-style-type: none"> <li>● <i>Multi-project Management Guide</i></li> <li>● <i>Intelligent Management Guide</i></li> <li>● <i>User Setting Guide of Windows Domain</i></li> <li>● <i>Management of the Integration of ECS-700 and TCS-900</i></li> </ul>
For OMC BatchControl		<i>BatchControl Project Configuration Software User Manual</i> , <i>BatchControl Recipe Editor User Manual</i> : introduces program design and configuration <i>BatchControl Monitoring Software User Manual</i> : introduces the running status and operations
For OMC VisualAI		<i>VisualAI User Manual</i> <i>Video Control User Manual</i> : introduces the method of using video control in graphic of High-performanceHMI <i>VisualAI Interaction with High-performanceHMI</i> : introduces how to use VisualAI and High-performanceHMI together
For OMC IDM		<i>IDM User Manual</i> If the instrument data of a third-party system is connected, please refer to <i>HART-MUX User Manual</i> or <i>Serial Port Server User Manual</i>
For OMC AlarmManagement		<i>OMC Alarm Management User Manual</i>
For OMC Pilot		<i>OMC Pilot User Manual</i> <i>OMC Pilot TODOLIST Control User Manual</i> : introduces the method of using TODOLIST control in the graphic of High-performanceHMI
For OMC PredictiveControl		<i>Software Portal User Manual</i> <i>Adcon Software Parameter Manual</i> <i>Adcon Software User Manual</i> <i>Console Software User Manual</i> <i>Installation Manual</i> <i>Permission Management Software User Manual</i> <i>Watch Software User Manual</i> <i>Data Service User Manual</i> <i>DataGather Software User Manual</i>
For OMC LoopOptimization		<i>PID Performance Evaluation Software Quick Start Guide</i> <i>PID Performance Evaluation Software User Manual</i> <i>PID Tuning Software User Manual</i>
For OMC GrayScreen		<i>GrayScreen User Manual</i>
For OMC SEMonitor		<i>CMS011-S01/CMS012-S01/CMS031-S01/CMS032-S01/CMS055-S01 User Manual</i> <i>InPlant SEMonitor User Manual</i>
For OMC Websight		<i>OMC WebSight Deployment and Monitoring Guide</i>

## Section 4 Convention

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### 4.1 General Format Convention

Format	Description
" "	Use double quotes to indicate the file path, such as "C:\OMC" Use double quotation marks to indicate the software operation path, such as "Start> OMC"
>	Use ">" to separate all levels of menu commands in the multi-level menu
Bold	Use bold to indicate the name of the interface element, such as: click the <b>simulation</b> command to start the software simulation
"Key 1+Key2"	Indicates that several keys are pressed simultaneously on the keyboard. For example, "Ctrl+Alt+A" means to press the three keys "Ctrl", "Alt" and "A" at the same time

### 4.2 Mouse Operation Convention

Under the condition of the default setting of the mouse, the left button serves as the main operation to click and drag.

Operation	Action
Click	Quickly press and release the left mouse button
Double click	Press and release the left mouse button twice in quick succession
Drag	Hold down the left mouse button and move the mouse
Right click	Quickly press and release the right mouse button

### 4.3 Wording Convention

The terms used in the document with different strictness requirements are explained as follows:

- When the requirement is very strict, it is indispensable and legally responsible, the term used is: "Must".
- When it means that the regulations should be strictly complied with and strictly followed, the words used are: "shall" means allowing; and "shall not" means not allowing.
- When one of several possibilities is recommended, and other possibilities are not mentioned or excluded, or when it is preferred but not necessarily required, or when a certain possibility is disapproved but not prohibited , The term is:

Use "should" to express recommending or preferring;

Use "should not" to express disapproving.

- When expressing the action steps allowed within the limits of the specification, the words used are:

“May” means allowing;

“Need not” means not necessary.

## Section 5 Documentation Issue

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### 5.1 Issuing Manner

The software and hardware documentation of the OMC system can be obtained in the following two ways:

After the OMC software is installed, select “OMC> User Manual” in the start menu to view the software documents and related hardware documents of the current version of OMC.

### 5.2 Issue Notes

The detailed information of the document version and the corresponding relationship with the product version are described in the manual’s version description page. The document version information and its modification description are as follows.

Document Version	Applicable for	Modification
V1.0 (2023-03-03)	OMC V1.1.1-M	The first edition
V1.1 (2023-09-04)	OMC V1.2.0-M	The second edition

The product version written here is in line with the version of the software product described in the user manual. After logging in to the software, you can view the information about the software and obtain the software version.