

Application Operations Guide



Complex Assembly Manufacturing Solution (CAMS) Operations Guide

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Example Text	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, titles of graphics and tables
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, names of variables and parameters, source code as well as names of installation, upgrade, and database tools.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
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Icons

Icon	Meaning
	Caution
	Example
	Note
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	Syntax

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1 Getting Started



This guide does not replace the daily operations handbook that SAP recommends customers create for their specific production operations.

About this Guide

Designing, implementing, and running your SAP applications at peak performance 24 hours a day has never been more vital for your business success than now.

This guide provides a starting point for managing the Complex Assembly Manufacturing Solution (CAMS) applications and maintaining and running them optimally. It contains specific information for various tasks and lists the tools that you can use to implement them. This guide also provides references to the documentation required for these tasks, so you will sometimes need other guides, such as the *CAMS Master Guide*, *CAMS Installation Guide*, and the *CAMS Security Guide*.

Target Groups

- Technical Consultants
- System Administrators
- Solution Consultants
- Business Process Owner
- Support Specialist

1.1 Global Definitions

SAP Application:

An SAP application is an SAP software solution that serves a specific business area such as ERP, CRM, PLM, SRM, or SCM.

Business Scenario:

From a microeconomic perspective, a business scenario is a cycle, which consists of several different interconnected logical processes in time. Typically, a business scenario includes several company departments and involves other business partners. From a technical point of view, a business scenario needs at least one SAP application (SAP ERP, SAP SCM, or others) for each cycle and possibly other third-party systems. A business scenario is a unit that can be implemented separately and reflects the customer's prospective course of business.

Component:

A component is the smallest individual unit considered within the Solution Development Lifecycle; components are separately produced, delivered, installed, and maintained.

1.2 Important SAP Notes



Check regularly for updates available for the *CAMS Operations Guide*, which you can find on the SAP Service Marketplace at <http://service.sap.com/notes>.

SAP Note Number	Title	Comment
1673573	CAMS 7.2 Operations Guide	Information not included in the CAMS Operations Guide

1.3 History of Changes



Make sure you use the **current** version of the *CAMS Operations Guide*.

The current version of the *CAMS Operations Guide* is available in the `Documentation` folder of the CAMS core delivery.

The following table provides an overview of the most important changes in prior versions.

Version	Important Changes
1.0	Initial Release

2 Technical System Landscape

2.1 Scenario/Component Matrix

For the scenario/component matrix, see the *CAMS Master Guide* in the `Documentation` folder of the CAMS core delivery.

2.2 Related Documentation

The following table lists where you can find more information about the technical system landscape. You can find these guides or tools in the CAMS core delivery in the folder noted.

Topic	Guide/Tool	Folder
Sizing	<i>CAMS DB Sizing.xls</i>	Database
Technical configuration	<i>CAMS Master Guide</i> and <i>CAMS Configuration Guide</i>	Documentation
Security	<i>CAMS Security Guide</i>	Documentation
Installation procedures	<i>CAMS Installation Guide</i>	Documentation
Integration to external system	<i>CAMS Integration Guide</i>	Documentation

Topic	Guide/Tool	Folder
Release content, supported interfaces, and resolved issues	<i>CAMS Release Notes</i>	Documentation\ ReleaseNotes
Optional features	<i>CAMS Implementation Guide</i>	Documentation
Application help	CAMS applications helps	Documentation (or from the <i>Help</i> menu in the applications)

3 Monitoring of CAMS

Within the management of SAP technology, monitoring is an essential task. A section has therefore been devoted solely to this subject.

CAMS is a two-tier application. Every user works with his or her own rich client installation. No server component needs to be available for user requests. The Oracle database is the only central component that you need to monitor because all rich clients access the same database.

3.1 Oracle Database

Please refer to the Oracle technical documentation for how to monitor the Oracle database.

3.2 Transaction Daemon

Please refer to Transaction Daemon section in the *CAMS Installation Guide* for how to monitor the Transaction Daemon (if desired).

3.3 Print Server

When the print server is started, a window displays for monitoring the server functions.

3.4 Integration Server

Please see the *CAMS Integration Guide* in the `Documentation` folder of the CAMS core delivery for instructions.

3.5 Detailed Monitoring and Tools for Problem and Performance Analysis

For more information on performance analysis, please refer to the Oracle technical documentation.

3.5.1 Interface Monitors

Interface monitors are essential for analyzing problems with interfaces such as RFC, IDoc, and HTTP. Please see the *CAMS Integration Guide* in the `Documentation` folder of the CAMS core delivery for information on interface monitors.

3.5.2 Tracing

The system allows creation of log files containing tracing information for selected functions.

By default, any log files created by tracing functions are created in the `errorLogs` folder of the `<SAP_CAMS_7.2_PI>`. The file names will have the format `traceDDMONYY-HHMMSS.log`, for example, `trace05JUN12-094701.log`.

For instructions on using the tracing functionality, see the *Setup Trace* topic in the CAMS System Maintenance application help.



Running tracing affects performance, and you must have system administrator privileges to invoke it.

3.5.3 Error Logs

Detailed error message windows include a *Save to Log* button. Clicking this writes to an error log file as defined in the *Error Log Directory* configuration parameter. See the *CAMS Configuration Guide* for more on this configuration parameter.

3.5.4 Visual Enterprise Generator

If CAMS is integrated with Visual Enterprise Generator, please refer to the Visual Enterprise Generator technical documentation for how to monitor the integration.

4 Management of CAMS

SAP provides you with an infrastructure to help your technical support consultants and system administrators effectively manage all SAP components and complete all tasks related to technical administration and operation.

4.1 Starting and Stopping CAMS

4.1.1 Starting CAMS

Once the CAMS installation and database initialization is complete (following the steps outlined in the *CAMS Installation Guide*), you can start the application by executing the following file:

```
<SAP_CAMS_7.2_PI>\RunCAMS.bat
```

You are presented with a panel requesting a user ID and a password. Initially, use a user ID of **system** and a blank password. This will present you with a menu of available applications.

You may choose to install shortcuts to the `RunCAMS.bat` file on client desktops to facilitate launching the application. You can find SAP CAMS icons to use to modify the properties of the desktop shortcuts in the following directory:

```
<SAP_CAMS_7.2>\icons
```

4.1.2 Stopping CAMS

To stop CAMS, click the *Close* button in the upper right corner of the application window. You can also select the *File* → *Exit Application* or *Utilities* → *Exit Application* menu. A message displays asking you to confirm that you want to exit. Click *Yes*.

4.1.3 Starting the Print Server

Please refer to the Print Server and Batch Server Set Up section in the *CAMS Installation Guide*.

4.1.4 Starting the Transaction Daemon

Please refer to the Transaction Daemon section in the *CAMS Installation Guide*.

4.1.5 Background Processes

For CAMS background processes, i.e., the Print Server and Transaction Daemon, the customer is responsible for stopping, starting, and ensuring that these are running as required.

4.1.6 Emergency User

The emergency user functionality provides system administrators with a way to activate a super user that can gain access to the system to diagnose problems when there is no user access to the system. See the *CAMS Installation Guide* and *CAMS Security Guide* for instructions on activating the emergency user.

4.1.7 Reactivation of system and wipadmin users

If the system or wipadmin user becomes inactivated due to unsuccessful login attempts, they are automatically reactivated but only after a period of at least 30 minutes with no attempted logins. Upon login, a message displays indicating that attempts were made to access the system using that account and recommends changing the password.

4.2 Software Configuration

This chapter explains which components or scenarios used by CAMS are configurable and which tools are available for configuration.

4.2.1 Configuration Parameters

See the *CAMS Configuration Guide* for information on setting configuration parameters.

4.2.2 Launch by File Types

The CAMS applications include fields in which users can attach files such as Microsoft® Word documents or Excel spreadsheets. In order for users to view these files by double-clicking on the file name, you must set up default program names for any file extensions you want to launch in the `::hms::launchByFileType` array.

Launch by file types are set up in the `HMSConfig.tcl` file. Examples of how to set them are shown below.



This applies to file types only, not graphics.

```
set ::hms::launchByFileType(avi) "C:/Program Files/Windows Media
  Player/wmplayer.exe"
set ::hms::launchByFileType(doc) "C:/Program Files/Microsoft
  Office/Office12/WINWORD.EXE"
set ::hms::launchByFileType(mov) "C:/Program
  Files/QuickTime/QuickTimePlayer.exe"
```

```
set ::hms::launchByFileType(pdf) "C:/Program Files/Adobe/Reader
8.0/Reader/AcroRd32.exe"
set ::hms::launchByFileType(ppt) "C:/Program Files/Microsoft
Office/Office12/POWERPNT.EXE"
set ::hms::launchByFileType(pub) "C:/Program Files/Microsoft
Office/Office12/MSPUB.EXE"
set ::hms::launchByFileType(txt) "C:/WINDOWS/system32/NOTEPAD.EXE"
set ::hms::launchByFileType(xls) "C:/Program Files/Microsoft
Office/Office12/EXCEL.EXE"
```

4.2.3 Send Email Tool

Sending emails from within CAMS requires configuration. Please see the *CAMS Implementation Guide* for details.

4.2.4 Console Logging

CAMS includes an optional console logging feature to capture any entries that an unauthorized user might try to do in the system and the system response to all such user-entered commands. (Setting up this feature requires configuration by an SAP representative.)

This console log activity will not occur unless required parameters are setup in either the startup bat file or an initialization file. If a separate file is used to define the parameters, the startup bat file must point to that initialization file.

Aside from these setup parameters, some companies may not want to allow a user to access the console unless the activity will be logged in a file. There is an optional event procedure that SAP can use to prevent the console from opening unless all the setup parameters are properly set to cause the console activity to be logged. If the event returns 0, the user will not be able to access the console.



There is no way around this check. If the event returns 0, it does not matter who the user is, the console cannot be opened.

Finally, there is a second optional event that can be used to turn on and off select level debugging when (if) the system turns on/off full debugging based on parameter settings described below.

If the console activity logging is turned on, the console log file name is constructed as follows:

```
"ConsoleLog" + _user + _date + _time + ".txt"
```

- `_user` is the user id
- `_date` will be in the format "yyyymmdd"
- `_time` will be in the format "hhmins"; for example,
ConsoleLog_jsmith_20090215_084513.txt.

In the event that the log file exceeds 5 MB in size (approximately), the initial file will be closed and a new extension file will be created, such as, ConsoleLog_jsmith_20090215_084513_001.txt. All console log files will be created in the directory specified (see the parameter list below).

4.2.4.1 Required Parameters

The following are the required parameters for console logging:

- **CONSOLELOG** [0/1]—This parameter turns console logging on (1) or off (0). This only applies at system startup. Once the system has started, the state of the console log function will not be changed by changing this parameter.

- **CONSOLELOGINFO** [optional]—If specified, this is the fully qualified name of the file that contains the configuration parameters for console logging. If used, this value (environment variable) **MUST** be specified in the startup bat file. The path of the file should be specified in the UNIX directory format.
- **CONSOLELOGDIR**—This is the directory where the console log files are to be created by the system. If console logging is turned on, this parameter **MUST** be specified.
- **CONSOLELOGMAIL** [optional]—If specified, this parameter lists the users that are to be notified by e-mail whenever a console log file is created. Separate multiple addresses by semicolons (;).
- **CONSOLELOGDEBUG** [optional] [0/1]—If specified, this parameter indicates that FULL console debugging should be turned on. This full debug information will also be included in the console log file.



This could cause a large amount of console output, which could eventually cause the current session to experience performance issues.

You can specify these parameters in the bat file used to startup the application or (except for CONSOLELOGINFO) in a file that is located in a directory that is accessible by the system at startup time. If you specify the parameters in the startup bat file, they will need to follow one of the following formats, depending on whether the platform is Windows or UNIX. For Windows, the format is:

```
set CONSOLELOGDIR=C:/temp
set CONSOLELOG=1
set CONSOLELOGEMAIL=realuser@yourcompany.com
set CONSOLELOGINFO=C:/SAP/software/select/ConsoleLog.ini
```

For UNIX, the format is:

```
export CONSOLELOGDIR=/usr/tmp
export CONSOLELOG=1
export CONSOLELOGEMAIL=realuser@yourcompany.com
export CONSOLELOGINFO=/usr/SAP/software/select/consolelog.ini
```

If these parameters are specified in the console log information file, the information must be formatted as follows within the file (the order of the parameters is not important):

```
CONSOLELOGDIR      "C:/temp" (or UNIX format for the UNIX platform)
CONSOLELOG         0
CONSOLELOGDEBUG    0
CONSOLELOGEMAIL    realuser@yourcompany.com
```



You can specify the `CONSOLELOGDIR` entry as a file join command or an actual Tcl variable or procedure. If the join method is used, the join command should be entered within brackets and braces as follows:

```
{[file join "C: TEMP" /]} (where the list elements inside the double-quotes may be a Tcl variable [dollar sign is needed]).
```

4.2.4.2 Optional Event Procedures

There are two optional event procedures your SAP representative can also use to set up the console logging feature. Contact your SAP representative for additional details.

4.3 Administration Tools

Software Component	Transaction/Tool	Description
CAPP	Maintenance	For information on CAPP maintenance functions, see the <i>CAPP System Maintenance</i> section in the CAMS System Maintenance application help.
SFM	Maintenance	For information on SFM maintenance functions, see the <i>SFM System Maintenance</i> section in the CAMS System Maintenance application help.
Callboard	Maintenance	For information on Callboard maintenance functions, see the <i>Callboard System Maintenance</i> section in the CAMS System Maintenance application help.

4.4 Backup and Restore

Backups save your company's important business data. To comply with all applicable legal requirements and your internal requirements, a backup and restore concept, including any data retention requirements, must be worked out during the early phases of the CAMS project.

SAP recommends that you regularly test your backup and restore concept.

4.4.1 Database Backup

For information on database back up and restoration, please refer to the Oracle technical documentation.

All the database schemas used by CAMS must be backed up. See the *CAMS Security Guide* in the `Documentation` folder of the CAMS core delivery for information on the CAMS database schemas.

4.4.2 File Backup

The following files should be backed up:

- DBInfo file (located in the `<SAP_CAMS_7.2_PI>\Database` directory)
- HMSConfig.tcl (located in the `<SAP_CAMS_7.2_PI>` directory)
- HMSCappConfig.tcl (located in the `<SAP_CAMS_7.2_PI>\CAPP` directory)
- HMSShopConfig.tcl (located in the `<SAP_CAMS_7.2_PI>\Shop` directory)

4.5 Application Copy

CAMS customers typically run pre-production, production, and test environments. You can set up a new environment by following the installation steps in the *CAMS Installation Guide*.

You can copy system metadata from one environment to another environment using the CAMS extract metadata functionality. See the *CAPP System Maintenance → Extract Metadata* section of the CAMS System Maintenance application help for instructions.

4.6 Periodic Tasks

4.6.1 Scheduled Periodic Tasks

4.6.1.1 Database Tasks

For periodic database maintenance tasks, please refer to the Oracle technical documentation.

4.6.1.2 Archival of Completed SFM Orders

You can automatically archive completed SFM orders or you can archive them manually. For information on setting archive configuration parameters to run the automatic archive process, see the *CAMS Configuration Guide*.

4.6.2 Optional Manual Periodic Tasks

4.6.2.1 Removal of Expired Planning Data

You can manually remove expired planning data from the CAPP, Bill of Material Management (BOMM), Nonconformance Management (NCM), and Manufacturing Change Management (MCM) applications by deleting the data. See the CAMS application help for each application for instructions on deleting plans, parts or bills of materials, nonconformance records, and change records.

4.6.2.2 Removal of Log Files

You can manually remove the log files as needed. You should delete the files at the system level.

4.7 User Management

For information on user management, see the *CAMS Security Guide* and the CAMS System Maintenance application help.

4.8 Printing

For information on setting up printers, see the *CAMS Implementation Guide*.

5 Software Change Management

Software Change Management standardizes and automates software distribution, maintenance, and testing procedures for complex software landscapes and multiple software development platforms. These functions support your project teams, development teams, and application support teams.

The goal of Software Change Management is to establish consistent, solution-wide change management that allows for specific maintenance procedures, global rollouts (including localizations), and open integration with third-party products.

This section provides additional information about the most important software components.

The following topics are covered:

- Transport and Change Management
- Development Requests and Development Release Management
- Quality Management and Test Management
- Support Packages and Patch Implementation

5.1 Transport and Change Management

You will be notified by your SAP representative when the latest software releases or support packages are available for download from the SAP Service Marketplace. Your SAP representative will provide you with instructions on which files to download for your installation.

For each new release or support package, you are encouraged to review the Release Notes and accompanying guides. See Related Documentation on page 10 for the documentation list. Customers that have specific functionality configured in the select layer may also receive customer release notes relevant to their particular implementation from their SAP representative.

Some of the enhancements or modifications may require configuration by SAP. You are encouraged to review each modification or enhancement for its impact on your organization and then contact your SAP representative for implementation and deployment information.

Moving new versions of the CAMS application between environments (development, test, and production) must be done manually. You must copy the CAMS installation directories (core and select) to the new environment. See the *CAMS Installation Guide* for how to modify the startup files and complete other required configuration tasks.

The CAMS application provides a metadata extraction function that will generate a metadata extract script file containing SQL insert statements to copy the selected metadata to a different CAMS database. Inserting the extracted data into the different CAMS environment is accomplished by manually connecting (using the preferred Oracle tool, such as SQL*Plus) to the desired Oracle (CAMS) user and running the SQL extraction script. See the *CAPP System Maintenance → Extract Metadata* section of the CAMS System Maintenance application help for metadata extraction instructions.

5.2 Development Requests and Development Release Management

Requests for enhancements or change requests are handled through the SAP product support team and scheduled for delivery.

5.3 Quality Management and Test Management

The CAMS QA organization provides customers with test plans for their enhancements as part of their engagement. Customers are encouraged to validate the software before moving it from one environment to another.

5.4 Support Packages and Patch Implementation

Support packages or patches may include changes for any or all CAMS components.

When customer-specific support packages and patches are ready, they are made available on SAP Service Marketplace. Your SAP representative will provide you with instructions on which files to download for your installation.

Your SAP representative may also provide you with documentation, e.g., customer-specific release notes, that describes the contents of the support package or patch.

6 Troubleshooting

6.1 Log Files

The server, print server, tracing, and Transaction Daemon all have log files. Be sure to check these files when troubleshooting any problems with these components.

6.2 Common Issues

This section lists some common issues you may see and how to resolve them.

6.2.1 Application Startup Issues

If you have issues starting the application, check that the bat file is configured correctly. Also check that the Oracle server is running. Finally, check the `camsDBInfo` file to ensure it has the proper connect string information.

Also, if the database version and the software version do not match, an error message displays. You must run the database upgrade script for the version you are trying to run, and then restart the application.

6.2.2 General Issues

6.2.2.1 Application Help Error

If you get an error when trying to view the CAMS application help, check that the application has been set to point to the correct help file location. See the *Customize the Online Help Location* section in the *CAMS Installation Guide* for how to set up and point to the help file location.

Also, you must enable ActiveX controls and JavaScript to properly view the application help in the HTML format.

6.2.2.2 Configuration Parameters and Configuration File Errors

Once CAMS is implemented at your site, you should not change configuration parameters and configuration files without consulting with your SAP representative. If they are changed without assistance from SAP, you may encounter several application issues. Contact your SAP representative for assistance with resetting the configuration parameters or modifying the configuration files.

6.2.3 Data Segmentation Issues

Data segmentation controls edit, view, and select access to CAMS data. For information on implementing data segmentation, please see the *CAMS Implementation Guide* in the `Documentation` folder of the CAMS core delivery.

If your users cannot view, edit, or select data that they think they should be able to, it may be that their data segmentation settings are restricting their access:

- For information on how to set up data segmentation programs, access codes and templates, see the *CAPP System Maintenance* section of the CAMS System Maintenance application help.
- For how to assign data segmentation programs, access codes, or templates to user IDs or logon IDs, see the *CAPP System Maintenance → User ID Maintenance* section or the *SFM System Maintenance → Employee Master → User IDs and Logon IDs* sections of the CAMS System Maintenance application help.

6.2.4 Profile and User Issues

In CAPP, profiles control what users can do in the applications; what types of documents they can view, create, or edit; and so on. User-level privileges also control what maintenance functions users can do.

User IDs are not usable until you assign them at least one profile. You also must assign users to at least one group, and you may assign them to sites.

If users are having problems accessing an application, document, or functionality, please check the following:

- You assigned the appropriate user-level privileges.
- You assigned the appropriate privileges and documents to a profile.
- You assigned at least one (properly privileged) profile to the user ID.
- You assigned the user to the correct groups.
- You assigned the user to the correct sites (if applicable).

For information on CAPP profiles, see the *CAPP System Maintenance → Profile Maintenance* section of the CAMS System Maintenance application help. For information on user IDs, see the *CAPP System Maintenance → User ID Maintenance* section of the CAMS System Maintenance application help.

If SFM users are having problems accessing the application or performing any functions, please check the following:

- You assigned the user ID the appropriate privileges.
- You assigned the logon ID the appropriate functions.
- You assigned the user ID and logon ID to the correct sites (if applicable).

For information on SFM user IDs and logon IDs, see the *SFM System Maintenance → Employee Master → User IDs and Logon IDs* sections of the CAMS System Maintenance application help.

6.2.5 Shop Calendar Issues

Once CAMS is implemented at your site, you must set up the SFM Shop Calendar. If the Shop Calendar is not set up correctly, orders cannot be created in SFM and error messages will display.

For instructions on setting up the Shop Calendar, see the *SFM System Maintenance → Shop Calendar* section of the CAMS System Maintenance application help.

7 Support Desk Management

Support Desk Management enables you to set up an efficient internal support desk for your support organization that seamlessly integrates your end users, internal support employees, partners, and specialists with an efficient problem resolution procedure.

For support desk management, you need the methodology, management procedures, and tools infrastructure to run your internal support organization efficiently.

The following topics are covered in this section:

- Logging issues
- Problem message handover

7.1 Logging Issues

If you encounter problems when installing, upgrading, or running CAMS, create a customer message on the SAP Service Marketplace Support Portal (shown below) at service.sap.com/message. See Problem Message Handover below for the component hierarchy for messages.

You need your customer number and a user ID to create messages. Contact your SAP representative for assistance with these items.

The screenshot displays the SAP Support Portal interface for reporting a product error. The main content area is titled 'SAP Message Wizard' and includes a progress bar with four steps: 'Int', '1', '2', and '3'. Below the progress bar, there are four buttons: 'Choose Customer', 'Choose System', 'Prepare Solution Search', and 'Find Solution'. A '4' is shown in a box, indicating the current step is 'Enter Message'. The page also features a 'Select Customer and Reporter' section with a form containing fields for 'Customer number' and 'User ID', along with 'Display reporters' and 'Continue' buttons. A sidebar on the left contains a list of links for reporting a product error, and a top navigation bar includes various support options like 'Software Downloads', 'Keys & Requests', and 'Data Administration'.

7.2 Problem Message Handover

When sending CAMS problem messages or tickets to SAP support, be sure to select the appropriate component from the following CAMS component hierarchy in the SAP Customer Support Portal:

- MFG (SAP Manufacturing)
 - MFG-CAM (Complex Assembly Manufacturing Solution for Aerospace & Defense)
 - MFG-CAM-BOMM (Bill of Material Management)
 - MFG-CAM-CAPP (Computer-Aided Process Planning and Tool Planning)
 - MFG-CAM-CB (Callboard)
 - MFG-CAM-FAI (First Article Inspection)
 - MFG-CAM-INS (Installation)

Problem Message Handover

- MFG-CAM-INT (Integration, Data Conversion, Data Migration, MII ERP Integration)
- MFG-CAM-MCM (Manufacturing Change Management)
- MFG-CAM-MNT (System Maintenance Modules)
- MFG-CAM-NCM (Nonconformance Management/Corrective Action)
- MFG-CAM-OM (Order Maintenance)
- MFG-CAM-PMI (Project Management Integrator)
- MFG-CAM-SFM (Shop Floor Management, Electronic Bar Chart)
- MFG-CAM-TCA (Tool Control and Accountability)
- MFG-CAM-TSM (Time Sensitive Material)

Please provide a detailed problem description, the steps to reproduce the problem, and the CAMS release number in your message.

8 Appendix

8.1 Related Guides

You can find more information about installation and configuration in the *CAMS Installation Guide*, *CAMS Configuration Guide*, and the *CAMS Master Guide*.

8.2 Related Information

The following table lists information relating to the Application Operations Guide.

Content	Location
<i>CAMS Installation Guide</i> , <i>CAMS Configuration Guide</i> , <i>CAMS Implementation Guide</i> , <i>CAMS Integration Guide</i> , <i>CAMS Master Guide</i> , <i>CAMS Upgrade Master Guide</i> , and <i>CAMS Security Guide</i>	Documentation folder of the core delivery
Related SAP Notes	<i>SAP Service Marketplace</i> - service.sap.com/notes