

Kofax Communication Server

10.0.1

Release Notes



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Contents

About This Release	5
Version Information	5
New Features	5
Security Levels	5
Install Kofax Communication Server on a Different Drive	5
TC/Web: Lack of CSRF protection and Reflected XSS	6
TC/Web Improvements	6
TC/Web: Audit Logs	6
TCfW: Memo Feature	7
TCfW: Menu Items Configurable	7
Customized Text in Metamail Message	7
IpPrinter: Support Endless Retries also with Alternative Printers	7
TC/LINK-MQ: Store MQCorrelID of an Outbound Message and Return the Same in Notification	7
TC/LINK-MQ: Process Messages for Which MQ CorrelID is not Ending with 00 00 00 00	8
TCfW and TC/Web: Japanese Manuals	8
Capture Connector: Use UTC Time not working	8
Fax Rejection Behavior Change	8
KFXConverter: EXCEL2PDF Conversion Now Configurable	8
Changes in Behavior	9
Upgrade	11
Unicode	11
Resolved Issues	13
KCS Client Applications Fail to Start After Update	13
Japanese and Other Characters Rotated	13
TC/LINK-LN: Some Messages Cannot Be Processed	13
Small Fonts in Fax RTF Covers on Windows Server 2012 R2	13
List of Solved Bugs	13
Known Issues	17
TC/Web: Message Count Missing in Inbox / Outbox	17
TC/Web: Sorting in Recipient and User Tool	17
KCS EasyConfig Update	17
TCOSS: Downgrade to KCS 10.0.0	17
TCfW: Last Line of Sysconf Not Shown Automatically	18
TCfW: Unauthorized Access to System Address Book	18
TCfW: Some Japanese Characters are Replaced with Question Marks	18
TCfW: Address Book may Not Work	18

TCfW: Errors When Logging 18

Document Conversion: Text Alternative Not Unicode 19

EasyConfig: Service Name Length Not Restricted 19

TCfW: Closing Application While Minimized 19

TCfW: Erratic Mouse Scrolling 19

TCfW: Image Preview and Right-To-Left Script 19

TCfW: Opening RTF Attachments Occasionally Fails 19

TCfW: PDF Attachments on Windows 8 20

Support Changes 21

 End of Support for IBM WebSphere MQ V6.0 21

 End of Support for Windows XP 21

 End of Support for Windows Server 2003 21

 End of Support for Microsoft Exchange 2003 21

 End of Support for Microsoft Office 2003 22

 End of Support for Lotus Notes 7.x 22

 End of Support for KCS Components 22

 End of Support for Install Address Templates 22

Modules Overview 23

 KCS Client Software Modules 23

 KCS Software Modules 24

About This Release

Version Information

The Kofax Communication Server 10.0.1 release has the following build number, which appears in the About window: 10.0.1.0.0.350.

New Features

This section lists enhancements that have been added to the product in Kofax Communication Server 10.0.1.

Security Levels

Kofax Communication Server now includes security improvements that can be controlled by the new registry value SecurityLevel. By default, insecure features are still allowed for compatibility reasons, but event log entries are generated if any such feature is actually used. (553636)

SecurityLevel value should be used as a simple slider between highest compatibility (lowest level) and highest security (highest level). The following levels are currently defined:

Level	Description	Remarks
10	New security features are not used. If any feature that would be denied with level 40 is used, no compatibility event log entries are created.	Most compatible with Kofax Communication Server 10.0.x but does not provide any security improvements.
20	New security features are supported. Insecure features are allowed but a compatibility event log entry will be created to inform about potential compatibility issues.	Default for upgrades from prior releases.
40	New security features are supported and insecure features are denied.	Default for new installations

See *TCOSS Configuration Manual* for more details.

Install Kofax Communication Server on a Different Drive

You can now install Kofax Communication Server on a drive other than C:. To do this, create the following registry keys (along with the path) and add the desired installation path for these registry key before starting the installation. (585277)

Registry Key	Default Installation Path	Other Installation Path
HKEY_LOCAL_MACHINE SOFTWARE\TOPCALL\Boot \RootDir	C:\TCOSS	D:\TCOSS
HKEY_LOCAL_MACHINE SOFTWARE\TOPCALL\Boot \RootDir2	C:\TOPCALL	D:\TOPCALL

Note Once the installation is complete, you must not modify these registry key values.

Note You can modify the drive to install Kofax Communication Server, but you should not modify the default folder names, that is, installation folder names should always remain TCOSS and TOPCALL.

TC/Web: Lack of CSRF protection and Reflected XSS

TC/Web has now been improved with following security implementations:

- **Prevention on CSRF:** For each client session, TC/Web generates a unique CSRF token which is being written as hidden form parameter to every post type form request being rendered. On the postback to the server, the returned CSRF token is compared with the expected value stored in the session and if mismatch is detected, the request is rejected. If this event occurs, the TC/Web log entry is being written and the client would receive a general security warning suggesting to contact the system administrator.
- **Prevention on XSS:** XSS vulnerability was solved by consequent escaping of untrusted data prior writing them back to the browser so that any potential malicious scripts would be handled as data to be displayed and not as an executable code.

TC/Web Improvements

TC/Web has been improved:

- Configurable to display message header in Image View. This setting is global. It affects all message folders accessible to the user (Inbox, Outbox, Public, Private, Archive). This can be configured using new registry key MessageHeaderInImageView. (347501)
- The “Sent” label is now replaced by the “Status” label, which displays the status of the message and error (if any) in the message header of both the Text and Image views. (584153)
- The optional custom buttons are now configurable in message window as well. This can be done using the config.xml. (555640)
- There are now two additional columns in Inbox and Outbox: Create Date and Create Time. Filtering option for these columns is also available. (553441)

See *TC/Web Installation and Configuration Manual* for more details.

TC/Web: Audit Logs

TC/Web can now be configured to show all log/audit entries stored in the TC/Archive. TC/Archive is required for this feature to work. (566038)

See *TC/Web Installation and Configuration Manual* for more details.

TCfW: Memo Feature

You can now add memo text to include additional information about messages in Inbox and Outbox. (552671)

If there is an existing short term archive entry for a mail entry, the memo is updated in the mail entry as well as in the corresponding short term archive entry. This ensures that the updated memo is available in short term archive entry even when the corresponding mail entry is deleted.

See *TCfW Communication Server Client User Manual* for more details.

TCfW: Menu Items Configurable

Menu items are now configurable, that is, you can enable or disable the menu items. (552671)

Customized Text in Metamail Message

You can now add customized text in the Metamail message. This text will be displayed below the metamail URL. (561143)

New registry key FooterText is added to add the text. The maximum length of the input text is 1056 characters.

IpPrinter: Support Endless Retries also with Alternative Printers

IpPrinter now can be configured for endless retries, that is, all retries are restarted with the first send attempt (of the first alternative number) after all send attempts (of the last alternative number) are failed.

See *IP Printer Manual* for more details.

TC/LINK-MQ: Store MQCorrelID of an Outbound Message and Return the Same in Notification

TC/LINK-MQ should be able to store the MQCorrelID of an outbound message (MQ->KCS) and return the same MQCorrelID in the notification (KCS->MQ). (590657)

For this, two new registry keys are added:

- **CorrelIDForMQ:** Set this value to 48 character string that corresponds to 24 Byte MQ message correlation ID. This value is used to set correlation ID for all the messages from KCS to MQ.
If CorrelIDForMQ and StoreMQCorrelIDInCorr are both set, then ONLY CorrelIDForMQ setting is considered.
- **StoreMQCorrelIDInCorr:** When set, this value is used to set the correlID of MQ message in the corresponding recipient's TS_CORREL_x field of Kofax Communication Server messages. Set this value to any of 0,1,2,3,4,5. Default is 0.
If configured, this value must be different from Options\StoreReplyToInCorr.
If Options\StoreMQCorrelIDInCorr and Options\StoreReplyToInCorr values are accidentally configured same, then TCLINQMQ will output a warning message in trace

and CorrelID is not stored in the KCS message. The normal CorrelID generation procedure is used for this message.

Note These registry values should be configured when TCLINKMQ is used only for non-attachment message processing.

TC/LINK-MQ: Process Messages for Which MQ CorrelID is not Ending with 00 00 00

TC/LINK-MQ can now process messages for which MQ CorrelID (24 bytes in total) is not ending with 00 00 00 00. (589908)

A new registry setting TOPCALL\TCLINKMQ\Options\OverrideMatchCorrelID of type DWORD is added. When set to 1, No CorrelID match will be done in MQ to KCS message flow. Default Value 0.

TCfW and TC/Web: Japanese Manuals

Japanese documentation for TCfW and TC/Web is not part of Kofax Communication Server 10.0.1. Please install the updates for FR-3154 after installing Kofax Communication Server 10.0.1. (324440)

Capture Connector: Use UTC Time not working

KCC - The option "Use UTC Time" is not working. (590450)

A new field "Time Base in KCS" is now added in connection configuration. The selection in "Time Base in KCS" field must match with the time base settings in KCS. In KCS,

- If the key "HKLM\Software\Topcall\TCOSS\TimeBase" is set to UTC, then select "UTC" in Time Base in KCS.
- If the key "HKLM\Software\Topcall\TCOSS\TimeBase" is set to LOCAL or if the key does not exist, then select "Local" in Time Base in KCS.

See *Capture Connector Administrator's Guide* for more details.

Fax Rejection Behavior Change

Fax rejection behavior changed in Kofax Communication Server KCC 10.0 compared to Kofax Communication Server KCC 9.2. (571951)

A new field configurable field is added for handling partially imported messages. Based on the option selected in this field, partially imported message will imported, rejected or imported into QC.

KFXConverter: EXCEL2PDF Conversion Now Configurable

You can now configure pages for converting excel files to pdf. A new field **ConvertSheets** is added. KFXConverter will convert the pages according to the values specified in field. Possible values are All, Active, 1, 2, 3 etc. Specify the values as comma separated values.

For example:

ConvertSheets=Active,1

This is will convert the first page and the active page.

See *KCS Document Conversion Technical Manual* for more details.

Changes in Behavior

This section contains information about the differences in behavior between Kofax Communication Server 10.0.1 and previous releases.

This version of Kofax Communication Server 10.0.1 includes additional security checks. For more information, see sections [Security Levels](#) and [Upgrade](#).

Upgrade

This chapter contains additional information about upgrading Kofax Communication Server. Please review these instructions carefully.

- Before upgrading to a new version, back up your system using KCS Backup (if you own this tool).
- All Kofax Communication Server components installed on a single computer must be updated together; in the following order:
 - 1 Server and link components
 - 2 Client components (TCfW)
- Running different Kofax Communication Server versions on two different computers is supported, however, it is not recommended.
- If you are using Kofax Communication Server components from two (or more) releases, you will be asked to update all your Kofax Communication Server components to the latest release (or roll back all Kofax Communication Server components to a single earlier release) before you can request a Critical-On-Demand hotfix patch.
- If you are using TCTECH as it was installed with prior releases, the “LAN Login” right should be removed.
- Add the Message Folder read/write permission to TCLINK user.
- Migrate clients that uses LAN login as a domain user and the depreciated short user ID option (must be enabled with registry value “Common/UseOldUserID=1”) to use the user’s principal name.
- **Tandem configuration:** The primary master and the secondary master must always use the same version of KCS.
- For the Management Console, in addition to TCfW and TCMC from the client package, update TCProbe and TCReport from the server package (if used).

Unicode

If you intend to use Unicode:

- 1 Update all your Kofax Communication Server computers to Kofax Communication Server 9.2.0 or later. You don't have to update all computers simultaneously.
- 2 Enable Unicode on all servers using the instruction from the *Kofax Communication Server Unicode Installation Guide*.

Once Unicode is enabled on TCOSS, Kofax Communication Server components older than 9.2.0 are no longer allowed.

Special configurations:

- **ASP configuration:** Only the storage servers need to be updated and switched to Unicode. The media servers which are running remote fax and telex line are not affected by the Unicode feature. Both storage and media servers need to be updated in case that the improved fax header line feature is used.

- **LCR configuration:** The TCOSS nodes of a least cost routing system can be updated one by one to Unicode. Any mixture of Unicode and non-Unicode nodes using the same code page can work together in an LCR system, with the restrictions caused by conversion of Unicode to the code page of the non-Unicode nodes. For full Unicode support all nodes of an LCR system need to run Unicode.

Resolved Issues

The following issues reported for a previous version of the product are fixed in this release.

KCS Client Applications Fail to Start After Update

If you update only KCS client applications on a computer that also includes KCS server components, the client software fails to start because of obsolete shared modules. (320420, SPR00176011)

Mixing components from the latest and older KCS releases on one computer is not supported.

Japanese and Other Characters Rotated

Japanese, Chinese, and other characters may appear rotated by 90 degrees. (319190, SPR00113545)

Workaround: Fonts beginning with the at sign (@), such as @Arial Unicode MS, support vertical writing of certain languages. Use fonts without the at sign, such as Arial Unicode MS. Use Crystal Reports 11 or later.

TC/LINK-LN: Some Messages Cannot Be Processed

With Lotus Notes client software older than release 8.5.3, some messages cannot be processed by TC/LINK-LN. Installing Lotus Notes client 8.5.3 on the TC/LINK computer solves the problem. (318439, SPR00092298)

For more information, see:

- *TC/LINK-LN Technical Manual*, version 2.07.00 edition 14
Chapter Hints / Troubleshooting - Some Messages Cannot be Processed

Small Fonts in Fax RTF Covers on Windows Server 2012 R2

When converting fax messages with RTF cover sheets, the font in the cover sheet is very small after conversion on Windows Server 2012 R2 operating system. (318925)

Workaround: Install Windows update KB2930275.

List of Solved Bugs

Component	Rank	(Bug ID) Title
TCWeb	2	(611262) TC/Web: Cannot import recipients when list contains addresses the logged in user has restricted rights to

Component	Rank	(Bug ID) Title
TCWeb	2	(611247) TC/Web: Cannot add recipients to distribution list that contains space characters
TCWeb	2	(610035) Messages with attachments created via the TWS "SendMessage" function are missing the "Open" and "Download" button in TCWEB
TCProbe	1	(608432) TCPROBED and TCPROBE_ERR does not show outages
TCfW	1	(607567) TCfW cannot filter on groups anymore when connecting to a KCS 10 archive
TCLINK-SM	1	(607520) TC/LINK-SM: Link crashes with some messages when using MimeNotifFormat = 0 (plain text notification)
KCS	2	(607449) Datalogics cannot convert PDF files with certain document restrictions
KfxConverter	2	(606136) KFXConverter: Not able to set margins individually on HTML conversion, also additional space added on top and bottom of the document
TCArchive	1	(605859) TC/Archive applies word separation algorithm on all log entry attributes like TS_RECIPIENT which may cause malfunction of message's history view in TcWeb
TCLINK-SM	1	(592864) TCLINK: Empty Content-Description MIME header field leads to conversion problem, message not posted to TCOSS
Integration\Kofax Capture	1	(592636) Not all passwords can be used for logging into KC with KCC
TCWeb	2	(591028) TC/Web: CreateMessageAddressGrid saves filter settings correctly, but is unable to delete them!
TCWeb	1	(590959) TC/Web: Displaying audit logs from other users needs "List In-/Outbox from all users" right
TCLINK	2	(590925) TC/LINK: Send Date/Time setting is used for Send Order from Originator to Authorizer instead of actual message when using Authorizing feature with TC/Web
TCLINK-LN	1	(590747) TC/LINK-LN restarts when Dirsync processes the users deleted in Lotus Notes
Integration\Kofax Capture	2	(590450) KCC - The option "Use UTC Time" is not working
TCWeb	2	(589793) It is not possible to authorize own messages even if the right "Authorize own messages" ist set
TCfW	1	(589034) The export of the in- or outbox with memo field does not have proper CSV formatting
TCfW	2	(588928) TCfW - Set filter for User/Group in Archive folder not possible (light and normal version of TCfW)
TCfW	1	(588906) Filter for "Status" is not working properly in newer TCfW versions)
KfxConverter	2	(588532) KFXConverter: Cannot handle embedded images in multipart/alternative HTML messages using CID tags
FoIPv3	1	(587769) FoIP Pass-through mode reception may fail because end of TCF data is not detected
TCfW	1	(587540) TCfW issue with entering Japanese characters in the text input fields
TCWeb	2	(586238) TC/Web login error message contains a dot character at the end

Component	Rank	(Bug ID) Title
TCWeb	2	(586159) Login/Logout audit entries always show the Workstation of the TC/Web server and not the browser workstation name/IP
TCfW	2	(585859) Time stamp with seconds doesn't fit anymore into the filter field
KfxConverter	1	(585485) KFXConverter: Conversion stops working after conversion error from TCDC.exe
TCfW	2	(585391) Printing a message from a Japanese TCfW results a garbled footer
KCS	2	(585315) Notifications are not working when the message is rejected in KCC for Reception error scenario
TCWeb	2	(584628) Authorizing own messages is possible with TC/WEB
TCWeb	2	(584605) TC/WEB: Column changes/visibility is not saved anymore since version 6.03.05 (FR-3234)
TCLINKFI Manual	2	(584178) Dirsync Connection to LDS not working
KCS	2	(571951) Fax rejection behaviour changed in KCC KCS 10.0 compared to KCS KCC 9.2
TCLINK-MQ	1	(571717) SITA message issue in bug 547816 is not fixed in KCS 10.0
TCLINK-Sm	1	(566819) TC/LINK-SM might run into huge delays in message processing, if the received Mail message contains an empty TO:/CC: line
TCWeb	2	(563281) FR-3706: Drop-down-menu for group selection is not shown on Internet Explorer 9 or lower
TCProbe	1	(563109) FoIP Loop in TCProbe does not work in Unicode system
FoIPv3	1	(562595) UDP Port leak in FoIP can cause the fax traffic to come to a stop.
TCOSS	2	(557164) "last Retry at" time stamp in Notification shows wrong time, if Latest Delivery Timeout expires
FoIPv3	1	(556870) SRTP calls do not respond to SIPRefresh
TCOSS	2	(556792) Startup of Primary Master may fail due to fatal error in secondary master
TCOSS	2	(556789) Secondary master may fail with "Inactivity on Link to Master detected"
TCWeb	2	(555193) TC/WEB Active Grid Library does not support IE 11 (KCS 9.2 and lower)
Integration\Kofax Capture	2	(554594) Kofax Capture Connector stops as unexpectedly a TWS license is required
TCfW	2	(554411) Account lockout and password policy are not working properly
TCfW	2	(553621) TCfW crashes sporadically with the time range filter
TCWeb	2	(553376) First login page can't be localized
Integration\Kofax Capture	2	(550115) KCC cannot keep scan.exe alive and continue processing batches
TCfW	1	(549339) TCfW cannot print to printers with specific characters in the printer name
TCfW	2	(548763) TCfW - "Save as" leads to Client crash!
KCS	2	(548041) FoIP sometimes fails to bind port

Component	Rank	(Bug ID) Title
TCLINK-SM	2	(545549) TC/LINK-SM might run into huge delays in message processing, if the received Mail message contains an empty TO:/CC: line
KCS	2	(344751) Fax send format Pdf doesn't work properly (registry value FaxAttachmentImageFormatSend)
TCWeb	2	(318353) TcWeb is vulnerable to reflected cross-site scripting (XSS)

Known Issues

This section contains information about potential issues that you could encounter while using Kofax Communication Server.

TC/Web: Message Count Missing in Inbox / Outbox

TC/Web no longer displays the message count if you filter messages with the status “New and Read”. (319699)

TC/Web: Sorting in Recipient and User Tool

In the Recipient and User tools, it is no longer possible to sort entries by clicking a column header. (545225)

Workaround: Sort the entries by selecting Ascending or Descending from the column header menu.

KCS EasyConfig Update

If you upgrade an older KCS deployed via EasyConfig to the latest release, you must start the KCS EasyConfig tool and redeploy the configuration. (SPR00104109)

- 1 Upgrade to the latest KCS release by starting EasySetup.exe from the installation ISO.
- 2 Start the KCS EasyConfig tool from the Kofax Communication Server program group on the Windows Start menu. EasyConfig informs you that the current configuration has been modified.
- 3 Click **Deploy**.
- 4 Select to deploy All. Click **OK**. Wait until the configuration is updated.
- 5 Perform the actions listed in the deployment log (for example, you might need to restart certain KCS components). Click **Close**.

TCOSS: Downgrade to KCS 10.0.0

WConfig of Kofax Communication Server 9.2.0 or Kofax Communication Server 10.0.0 cannot install a configuration locally to a file structure, which already was used with KCS 10.0.1 or later. The layout of the config file ASYSCONFCCCC changed. As a consequence, a downgrade from Kofax Communication Server 10.0 to Kofax Communication Server 9.2 or Kofax Communication Server 10.0.1 to Kofax Communication Server 10.0.0 is not possible without additional actions. (551344)

Workaround: Delete the file +TECH/ASYSCONFCCCC:

- 1 Open a command prompt on the KCS server.
- 2 Go to C:\TCOSS\SYSTEM\.

- 3 Run the command `tcdel +TECH/ASYSCONFCCCC`.
Reply is: "1 Files deleted, 441 Bytes freed".
- 4 Close the command prompt.

TCfW: Last Line of Sysconf Not Shown Automatically

The last line of ASYSCONFCCCC file in TCfW is not shown when scroll bar is used to scroll down till the bottom. (623475)

Workaround: Use keyboard keys to scroll down or click in the text box and scroll.

TCfW: Unauthorized Access to System Address Book

Unauthenticated users can read system address book even without access rights. (619510)

In TCfW, it is possible to access all available accounts in the system by an unauthorized user.

Workaround: Use the following settings:

- Enable the rights check on TCOSS (SecurityLevel=40)
- Assign the user rights to read all private address books without right to read other user profiles.

TCfW: Some Japanese Characters are Replaced with Question Marks

In Japanese TCfW, some Japanese characters are replaced with question marks in all fields. (587573)

TCfW: Address Book may Not Work

Address book may not work with TCfW without read permission on all private address books. (624657)

Workaround: Use one of the following workarounds:

- Add the right "read all private address books" for all users that uses address books with TCfW
- Set TCOSS SecurityLevel to 20 and ignore the generated event logs. This is also the default after update.
- Set TCOSS SecurityLevel to 10 to additionally suppress the generation of security warning.

TCfW: Errors When Logging

After TCfW update from 10.0 to 10.0.1, some error pop-ups appear after logging into TCOSS. (624776)

After an update to Kofax Communication Server 10.0.1, some error messages may be displayed when logging into TCOSS. This may happen rarely.

Workaround: Cancel all the error messages. TCfW will start normally.

Document Conversion: Text Alternative Not Unicode

When you are using TWS or TC/LINK document conversion for Word or Excel documents with Unicode characters, the text alternative is not Unicode. (318605, SPR00121081)

EasyConfig: Service Name Length Not Restricted

In EasyConfig, if you are using non-English characters, such as Japanese symbols, it is possible to configure longer service names than what can be saved correctly. (318364, SPR00113538)

Note The service names can be only 8 bytes long. Japanese symbols require up to 3 bytes per symbol, therefore, only 2 symbols are possible.

TCfW: Closing Application While Minimized

Closing the TCfW Communication Server Client from the taskbar while the application window is minimized can last multiple seconds. (320366, SPR00176265)

Workaround: Close TCfW while its window is displayed to avoid the delay.

TCfW: Erratic Mouse Scrolling

Using the mouse wheel to scroll through the inbox or outbox of TCfW Communication Server Client produces erratic results. (320536, SPR00176327)

Workaround: Use the scroll bar or keyboard for scrolling.

TCfW: Image Preview and Right-To-Left Script

In TCfW, the image preview is always aligned to the left. Text blocks which have right-to-left order activated correctly align to the right side in text mode. However, the image preview is not correct, the text blocks align to the left. (320628, SPR00122502)

TCfW: Opening RTF Attachments Occasionally Fails

Opening RTF attachments in TCfW sometimes fails with the error: The process cannot access the file because it is being used by another process. Another attempt to open the attachment succeeds without any errors. (320488, SPR00120108)

Workaround: Do not use Microsoft OLE control for displaying and editing attachments. Add the extension RTF to the registry value HKxx\SOFTWARE\TOPCALL\TCFW\WorkStation\ShellExecuteExtensions.

TCfW: PDF Attachments on Windows 8

In TCfW Communication Server Client installed on Windows 8, by default, PDF attachments are opened with the built-in PDF viewer. Closing the PDF document does not close the OLE link of the message.

Workaround: Use an external PDF viewer, not the built-in one.

Support Changes

This section lists the changes in support level in this release of Kofax Communication Server.

End of Support for IBM WebSphere MQ V6.0

IBM WebSphere MQ V6.0 and older versions are no longer supported with this release of Kofax Communication Server. Only IBM WebSphere MQ V7.0 and later is supported.

This applies to the following Kofax Communication Server component:

- TC/LINK-MQ

End of Support for Windows XP

Windows XP is no longer supported with this release of Kofax Communication Server.

This applies to the following Kofax Communication Server components:

- Kofax Communication Server client applications

End of Support for Windows Server 2003

Windows Server 2003 is no longer supported with this release of Kofax Communication Server.

This applies to all Kofax Communication Server components.

End of Support for Microsoft Exchange 2003

Microsoft Exchange 2003 is no longer supported in this release of Kofax Communication Server. Only Microsoft Exchange 2007 and later is supported.

TC/LINK-MX is not supported any longer. You cannot install it anymore. It is replaced by TC/LINK-MX7.

This applies to the following Kofax Communication Server components:

- TC/LINK-MX
- SPI-MX
- MWA-MX

End of Support for Microsoft Office 2003

Microsoft Office 2003 is no longer supported with this release of Kofax Communication Server. Only Microsoft Office 2007 and later is supported.

This applies to the following Kofax Communication Server components:

- Kofax Communication Server client applications
- Document conversion

End of Support for Lotus Notes 7.x

Lotus Notes 7.x is no longer supported with this release of Kofax Communication Server. Only Lotus Notes 8.0 and later is supported.

This applies to the following Kofax Communication Server components:

- TC/LINK-LN
- SPI-LN
- MWA-LN
- MAPI printer for Lotus Notes Client

End of Support for KCS Components

The following KCS components are no longer supported with this release of Kofax Communication Server:

- TC/Dialer
- iPlanet Dirsync
- Fax over IP via XCAPi
- TC/LINK-MX

End of Support for Install Address Templates

The TC/LINK-MX7 feature Install Address Templates is no longer supported with this release of Kofax Communication Server. It will be no longer available in setup in the next release.

Modules Overview

This section lists the modules included in this release of Kofax Communication Server.

KCS Client Software Modules

Module	Version	Changed
Data Dynamics ActiveBar(activebar)	1.06.04	No
ClientPro for Lotus Notes(archiveIn)	4.03.00	No
Setup Tools InstallTSP(InstallTSP)	1.00.02	No
KCSclients Common and Setup(kcsclients-common)	10.0.1.0.0.350	Changed
Setup Tools Task Remover(KillTask)	1.02.01	No
Microsoft Shared Files(mscomdls)	1.00.02	No
NULL(MsiSetFeatureStates)	1.01.00	No
Microsoft Visual Studio 6 Runtime(msvc6redist)	6_s.p5	No
Microsoft Visual C++ 2003 Redistributable(msvc7redist)	7_1_3088	No
Microsoft Visual C++ 2008 Redistributable(msvc9redist)	9_0_30729_17	No
Printer Driver Installation Utility(PrinterInstall)	3.03.08	No
Setup Tools Remove(Remove)	1.00.04	No
Setup Tools Extension DLL(SetupDll)	1.03.00	No
Setup Tools Filecopy(setuptools-filecopy)	1.00.00	No
Setup Tools MSIExtract(setuptools-msiextract)	1.00.00	No
Setup Tools MSIUpdate(setuptools-msiupdate)	1.00.02	No
Setup Tools TC/ArchEx(setuptools-tcarchex)	1.01.00	No
Subclassing Module for TCfW(subclass)	3.00.00	No
Proxy for TC/Dialer TAPI integration(tcdconn)	1.00.01	No
DDI Monitor Client(TcDdiMon-Client)	3.05.00	No
TC/DistMF(tcdistmf)	1.02.03	No
Host Voice Engine(tce_host)	2.00.10	No
Remote Voice Engine(tce_rem)	2.03.11	No
Resource Voice Engine(tce_res)	2.10.00	No
Sound Voice Engine(tce_snd)	2.00.28	No

Module	Version	Changed
TC/Engine(TcEngine)	2.04.00	No
TCfW Communication Server Client(tcfw)	5.46.03	Changed
TCfW Communication Server Client Library(tcfwlib)	1.00.00	No
TopDeskLite(tcfxdlit)	4.04.03	No
Fax Viewer(tcfxvw)	4.01.00	No
Image IO Library(tcimgio)	2.33.01	Changed
NULL(tclaunch)	3.03.04	No
TC/Lib(tclib)	7.32.03	Changed
Language File Tool(tclng)	1.07.01	No
Language API(tclngapi)	1.00.00	No
Login Component(tclogin)	4.08.03	Changed
TCMC Common(tcmc-tcpcommon)	4.10.00	Changed
TC/Dialer TCMC Panel(tcmc-tcpdialer)	1.05.00	Changed
Fax Viewer TCMC Panel(tcmc-tcpfaxviewer)	4.06.00	Changed
TC/Player TCMC Panel(tcmc-tcpplayer)	4.09.00	Changed
TCMC PrefViewer(tcmc-tcprefviewer)	4.08.00	Changed
TCfW Communication Server Client TCMC Panel(tcmc-tcptcfw)	4.13.00	Changed
VoiceAccess TCMC Panel(tcmc-tcpvmail)	4.08.00	Changed
TCMC Store(tcmc-tcstore)	4.06.00	Changed
Error Messages(tcmsg)	1.09.00	Changed
TC/Net(tcnet)	3.05.00	No
KCS Printer Device Drivers(tcpdd)	3.03.25	Changed
Voice Player(tcplayer)	4.09.01	No
TC/RT(tcrt)	2.10.00	No
TC/RTF(tcrtf)	1.02.01	No
Client Server Interface(TCSI)	2.78.11	Changed
Transport Interface(TCTI)	2.14.10	No
TAPI Service Provider(tctsp)	1.00.06	No
Fax Viewing and Printing Component(tcview32)	4.04.09	Changed
KCS Foundation Classes(tfc)	1.17.00	Changed
CyberActiveX UniSuitePlus Unicode Controls(UniSuitePlus)	1.00.13	Changed

KCS Software Modules

Module	Release	Changed
KIC Kofax Capture Plugin(AEF_KcPlugin)	2.60.10	Changed
Line Server Application Image Template(app_img_tmpl)	2.06.02	No

Module	Release	Changed
Line Server TC18 Application Image Template(app_img_tmpl18)	3.04.00	No
Advantys ASPSmartUpload(aspSMART-aspSMARTupload)	3.00.00	No
Attachment to URL Conversion(at2url)	1.31.00	Changed
Modules from the BCPlatform (KCS and KCSclients) in Subversion(BCPlatform)	.	No
Belus Xzip(belus-xzip)	2.05.00	No
NULL(branchbox)	.	No
Binary Trace Converter Tool(btrconv)	1.05.02	No
Caprock Dictionary Component(caprockdct)	1.07.00	No
Kofax CAPTools(capttools)	5.01.00	No
Crystal Reports 10 Runtime(crystalreportsrdc)	1.01.00	No
LS1 Main Program(cs1)	2.05.12	No
File Copy Tool(ctc)	7.27.00	No
EasyConfig for KCS - XML Configuration Data Model(Data)	1.02.05	No
Datalogics Library for Adobe PDF(datalogics)	1.00.100	Changed
(DemoMapping)	.	No
EasyConfig for KCS - Config Application(EC)	1.02.02	No
EasyConfig for KCS - Documentation Generator(ECDoc)	1.00.04	No
Kofax Communication Server - Advanced Email Capture(EmailConnect)	1.02.01	No
Line Server TC18 Ethernet Config(ethtool)	1.00.00	No
NULL(ex55)	2.13.02	No
NULL(ExitEmailHeader)	1.02.03	Changed
ExitSon(exitson)	1.30.00	No
ExLib(exlib)	1.00.01	No
Expat XML Parser(Expat)	1.95.08	No
Fault Tolerant Voice Tool(fail_over_setup)	1.01.00	No
Web Services Interface Between Fax Servers and Applications(FaxWs)	1.01.00	No
TC/LINK-FI(fi)	2.31.00	Changed
FoIP Component(FoIP)	3.24.10	Changed
NULL(FoIP-msvc9redist-rtm)	.	No
OpenH323 Library(FoIP-openh323)	1.18.04	No
PWLib Library(FoIP-pwlib)	1.10.02	No
Language File Tool(FoIP-tclng)	1.07.01	No
Error Messages(FoIP-tcmsg)	1.09.00	Changed
Intelligent Network Component for Image Conversion(FoIP-TNC_Converter)	3.24.08	Changed
Intelligent Network Component for T.30 Control(FoIP-TNC_FaxMain)	3.24.08	Changed
Intelligent Network Component for File Access(FoIP-TNC_File)	3.24.08	Changed

Module	Release	Changed
Intelligent Network Component for TCOSS 7 FoIP(FoIP-TNC_Fx7)	3.24.08	Changed
Intelligent Network Component for H.323 Call Controll(FoIP-TNC_H323)	3.24.08	Changed
Intelligent Network Component for HTTP(FoIP-TNC_Http)	3.24.08	Changed
Intelligent Network Component for SIP Call Controll(FoIP-TNC_Sip)	3.24.08	Changed
Intelligent Network Component for Persistent Storage(FoIP-TNC_Store)	3.24.08	Changed
Merlin Component for FoIP T.30 (T.38 and Passthrough) (FoIP-TNC_T30)	3.24.08	Changed
Intelligent Network Component for Simple Workflow Processing(FoIP-TNC_Tsl)	3.24.08	Changed
Intelligent Network Component for KCS Voice Server Integration(FoIP-TNC_Voice)	3.24.08	Changed
Intelligent Network Master(FoIP-TnMaster)	3.24.09	Changed
Line Server TC18 FPGA Loader(fpgaloader)	1.05.04	No
TC/SNMP HP OpenView Tools(hpovtools)	1.30.00	No
(Hw-overview)	.	No
KCS IP Printer(lpPrinter)	3.24.09	Changed
(lpPrinter-MxsTnMaster)	3.24.09	Changed
Intelligent Network Component for File Access(lpPrinter-TNC_File)	3.24.08	Changed
Intelligent Network Component for HTTP(lpPrinter-TNC_Http)	3.24.08	Changed
Intelligent Network Component for Image Conversion(lpPrinter-TNC_Imageio)	3.24.08	Changed
Intelligent Network Component for IP Printing(lpPrinter-TNC_Ipp)	3.24.08	Changed
Intelligent Network Component for TCSI(lpPrinter-TNC_Tcsi)	3.24.08	Changed
Intelligent Network Component for Simple Workflow Processing(lpPrinter-TNC_Tsl)	3.24.08	Changed
Custom panel for KC - KCS Notification on batch delete(KcNotification)	1.01.00	Changed
Release Module for KCS - KC Integration(KcRelease)	2.30.02	No
Kofax Communication Server Common and Setup(kcs-common)	10.0.1.0.0.350	Changed
KCS Backup and Restore Tool(KcsBackup)	2.04.01	Changed
MS Office-independent document converter(KFXConverter)	1.02.03	Changed
LibWWW Access Library(libwww)	5.04.00	No
Lincoln Converter(lincoln)	6320000a	No
Link Setup Tool(LinkSetupTool)	1.30.00	No
Linux Kernel(linux-kernel)	1.13.01	No
Line Server TC18 System Image(linux-kernel-tc18)	2.04.00	No
TC/LINK-LN(ln)	2.19.03	No

Module	Release	Changed
LogWinEvent(LogWinEvent)	1.30.00	No
LS1 Trace Tool(Is1trace)	1.02.01	No
Line Server Diagnostic Tool(Isd2)	2.06.01	No
TC/LINK-WM and TC/LINK-MD(md)	2.30.03	No
KCS MetaMail(metamail)	1.01.01	No
TC/LINK-MFP(mfp)	1.08.02	No
KCS MFPCoconnect(mfpconnect)	2.05.00	No
Microsoft Data Access Objects(microsoft_ado)	2.08.00	No
TC/MIME(mime)	2.31.01	Changed
BAPI to XML Tool(mkbapixml)	1.00.03	No
Enhanced BAPI to XML Tool(mkbapixml2)	1.00.03	No
TC Model 350(model350)	.	No
KCS Monitoring Setup(Monitoring-Setup)	1.35.00	Changed
KCS Monitoring Interop.TCRPC(Monitoring-Setup-Interop.TCRPC)	1.01.00	No
KCS Monitoring Interop.TCSI32(Monitoring-Setup-interop.TCSI32)	1.01.00	No
KCS Monitoring KCS_Environment(Monitoring-Setup-KCS_Environment)	1.35.00	Changed
KCS Monitoring Admin(Monitoring-Setup-KCS_Monitoring_Admin)	1.01.04	No
KCS Monitoring Configuration(Monitoring-Setup-KCS_Monitoring_Configuration)	1.02.06	No
KCS Monitoring Excel(Monitoring-Setup-KCS_Monitoring_Excel)	1.02.05	No
KCS Monitoring KPIUtil(Monitoring-Setup-KCS_Monitoring_KPIUtil)	1.00.05	No
KCS Monitoring Kofax.KCS.Monitoring.Kpi(Monitoring-Setup-Kofax.KCS.Monitoring.Kpi)	1.35.00	Changed
KCS Monitoring Kofax.KCS.Monitoring.Util(Monitoring-Setup-Kofax.KCS.Monitoring.Util)	1.00.05	No
KCS Monitoring Logger(Monitoring-Setup-Logger)	1.00.04	No
KCS Monitoring SharedConfiguration(Monitoring-Setup-SharedConfiguration)	1.02.02	No
KCS Monitoring SqlCommandScripts(Monitoring-Setup-SqlCommandScripts)	1.02.02	No
TC/Lib(Monitoring-Setup-TCLIB)	7.30.01	No
TC/RPC(Monitoring-Setup-TCRPC)	7.10.06	No
KCS Monitoring TCRPCWrapper(Monitoring-Setup-TCRPCWrapper)	1.30.00	No
Client Server Interface(Monitoring-Setup-TCSI)	2.76.02	Changed
Transport Interface(Monitoring-Setup-TCTI)	2.14.10	No
KCS Monitoring WebServiceMonitoring(Monitoring-Setup-WebServiceMonitoring)	1.35.00	Changed
KCS Monitoring WMIPProvider_Applications(Monitoring-Setup-WMIPProvider_Applications)	1.35.00	Changed

Module	Release	Changed
KCS Monitoring WMIProvider_KCS(Monitoring-Setup-WMIProvider_KCS)	1.35.00	Changed
TC/LINK-MQ(mq)	2.31.01	Changed
Microsoft Shared Files(mscomdlls)	1.00.02	No
NULL(MSLync)	1.00.02	No
Microsoft Script Control(msscript)	5.00.01	No
(msvc10redist)	10.0.40219.1	No
Microsoft Visual Studio 6 Runtime(msvc6redist)	6_s.p5	No
Microsoft Visual C++ 2003 Redistributable(msvc7redist)	7_1_3088	No
Microsoft Visual C++ 2005 Redistributable(msvc8redist)	8_0_50727_762	No
Microsoft Visual C++ 2008 Redistributable(msvc9redist)	9_0_30729_17	No
Microsoft MSXML(msxml)	4_20_9818_0	No
TC/LINK-MX Install Template(mx-insttemplate)	1.00.01	No
TC/LINK-MX7(mx7)	1.02.01	No
Lotus Notes Runtime(notes)	4.06.02	No
Update Tool for Lotus Notes INI(notesini)	1.00.03	No
OpenSSL Library(openssl)	1.01.13	Changed
OpenVXI VoiceXML Interpreter(OpenVXI)	3.01.00	No
PBX Integration(pabx)	1.01.01	No
Persists AspEmail(persists-aspemail)	5.00.00	No
Printer Driver Installation Utility(PrinterInstall)	3.03.08	No
TC/LINK-RS Test Client(releasetestclient)	1.01.00	No
Remote TOS Tools(remtos)	7.40.00	Changed
Remote LineServer Administration(RLA)	1.02.14	No
Intelligent Network Component for HTTP(RLA-TNC_Http)	3.22.13	No
Intelligent Network Component for Remote LineServer Administration(RLA-TNC_RLA)	3.22.13	No
Intelligent Network Library(RLA-TNLib)	3.22.13	No
Intelligent Network Master(RLA-TnMaster)	3.22.13	No
TC/Report Component(RPT)	2.13.02	No
TC/LINK-SC(sc)	2.06.01	No
Mapfile for TC/LINK-SC7(sc7)	1.00.06	No
TC/LINK-SC Addon(scaddon)	2.00.01	No
TC/LINK-SI(si)	1.30.00	No
TC/LINK-SI Sample Files(si_samples)	1.00.04	No
TC/LINK-SJ(sj)	2.30.01	No
TC/LINK-SM(sm)	2.31.04	Changed
TC/SNMP Config(snmp_config)	1.30.00	No
SNMP Files(snmp_files)	1.30.02	No
TC/SOAP Processing(soapproc)	1.30.00	No
SpiderMonkey Library(SpiderMonkey)	1.05.00	No
(sxapi)	4.2.8	No
TC15 Configuration Tool(tc15tool)	1.05.06a	No

Module	Release	Changed
TC16 EPLD(tc16-epld_2x)	2.5	No
TC16 ECP 3.x(tc16-epld_3x)	3.4	No
Line Server TC18 FPGA(tc18-fpga)	1.02.00	No
TC400(tc400)	5.01.01	No
Utility to read Active Directory schema(tcadutil)	1.30.00	No
TC/Archive(tcarch)	2.22.00	Changed
TC/CPUNr(tccpunr)	1.30.00	No
Link Document Converter(tc32)	2.31.04	Changed
Link Document Converter File Recognition(tc32-filerecognition)	finalrelease	No
DDI Monitor Client(TcDdiMon-Client)	3.05.00	No
Disk Utility(tc32disk)	7.11.01	Changed
Disk Test Utility(TcDiskTest)	1.02.00	No
TC/DistMF(tc32distmf)	1.02.03	No
TC/DownloadFile(tc32downloadfile)	1.00.01	No
File Voice Engine(tce_file)	2.01.01	No
Host Voice Engine(tce_host)	2.00.10	No
LS1 Voice Engine(tce_ls1)	1.04.02	No
Remote Voice Engine(tce_rem)	2.03.11	No
Resource Voice Engine(tce_res)	2.10.00	No
Sound Voice Engine(tce_snd)	2.00.28	No
TC/ECP(tcecp)	3.04.01	No
TC/Engine(TcEngine)	2.04.00	No
TC/FilBrk(tc32filbrk)	7.11.00	No
KCS File Transfer Tool(tc32tft)	1.03.10	No
Dependency Generator Tool(tc32gendep)	1.30.02	No
Image IO Library(tc32imgio)	2.33.01	Changed
COM Server for TCOSS Instances Information(tc32inst)	1.00.05	No
TC/IPC(tc32ipc)	1.02.01	Changed
LDAP Dirsync for Active Directory(tc32lad)	1.31.00	Changed
TC/LANPrnt(tc32lanprt)	7.12.02	No
NULL(tc32launch)	3.03.04	No
TCLDAP Simulation(tc32ldap_s)	1.30.00	No
LDIF Dirsync(tc32ldif)	1.30.00	No
TC/Lib(tc32lib)	7.32.03	Changed
TCLI Converter(tc32liconv)	7.26.01	No
TC/LINK(tc32link)	2.30.00	Changed
TC/LINK-MX(tc32linkmx)	2.14.01	No
TC/LINK-RS(tc32linkrs)	1.03.00	No
Language File Tool(tc32lng)	1.07.01	No
Language API(tc32lngapi)	1.00.00	No
Login Component(tc32login)	4.08.03	Changed

Module	Release	Changed
TC/LINK-SI Batch Execution(tcslsi_batch)	1.30.00	No
License Tool(tclt)	2.03.10	No
NULL(TCLXE2K)	2.30.02	No
Message Analyser(tcma)	1.01.00	No
TCMC Common(tcmc-tcpcommon)	4.10.00	Changed
TCMC PrefViewer(tcmc-tcprefviewer)	4.08.00	Changed
TCMC Store(tcmc-tcstore)	4.06.00	Changed
TC Monitor(tcmon)	7.30.00	No
Error Messages(tcmsg)	1.09.00	Changed
Message Wait Agent for Lotus Notes(tcmwain)	2.02.00	No
Message Wait Agent for Microsoft Exchange(tcmwamx)	1.04.02	No
NULL(tcmxsnap)	1.00.07	No
TC/Net(tcnet)	3.05.00	No
TC/NetworkHelper(tcnetworkhelper)	1.01.02	No
TC Open Server Software(tcoss)	7.95.21	Changed
TCOSS Document Converter(tcoss_tcdc-tcdc)	7.46.00	Changed
TCOSS for TS Hardware(tcoss_ts)	7.47.01	No
KCS Printer Device Drivers(tcpdd)	3.03.25	Changed
Performance Counter Logging Service(TcPerfLog)	1.02.02	No
TCPMeter Tool(tcpMeter)	2.01.04	No
TC/PreProcess(tcprep)	1.03.04	No
KCS Probe Agent(tcprobe)	1.31.00	Changed
TC/Probe Setup(tcprobesetup)	2.32.00	Changed
TC/Probe TCMC Panel(tcprobetcmc)	2.32.00	Changed
TC/Pwd(tcpwd)	1.00.01	No
COM Registration Tool(tcregsvr)	1.01.00	No
KCS Message Release Manager(tcrelagt)	1.03.00	No
TC/LINK-RS Configuration(tcreleaseconfig)	1.03.00	No
TC/LINK-RS Controler(tcreleasectrl)	1.03.01	No
TC/LINK-RS Controler Samples(tcreleasesamples)	1.00.04	No
Registry Rename Tool(tcrenreg)	1.00.00	No
TC/Report(tcreport)	2.30.01	No
TC Report WMI(tcreportwmi)	1.30.02	No
TC/Report Setup(tcrepsetup)	2.32.00	Changed
TC/Report TCMC Panel(tcreptcmc)	2.32.00	Changed
TC/Resolve(tcrestolve)	1.30.01	No
Rich Text Printing(tcrichtext)	1.03.02	No
TC/Route(tcroute)	1.30.00	No
TC/RPC(tcrpc)	7.12.00	Changed
TC/RT(tcrt)	2.10.00	No
TC/RTF(tcrtf)	1.02.01	No
TC/Setup(tcsetup)	2.31.01	Changed

Module	Release	Changed
Client Server Interface(TCSI)	2.78.11	Changed
Sleep COM Server(tcsleep)	1.00.01	No
TC/SNMP(tcsmnp)	1.30.02	No
TC/SOAP(tcsoap)	1.31.00	Changed
TC/SOAP Messages(tcsoapmsg)	1.30.00	No
SPI for Lotus Notes(tcspiln)	1.03.03	No
SPI for Microsoft Exchange(tcspimx)	1.30.00	No
KCS Service(tcscr)	8.03.00	Changed
Voice StateMachine(TCStateMachine)	2.01.06	No
Status Agent(tcstatus)	1.10.01	No
TC/Setup Script Editor(tcstpedt)	2.14.01	No
TCECP Switch Script(tcswitch)	2.00.04	No
Server Extensions(tcscr)	7.28.02	No
Transport Interface(TCTI)	2.14.10	No
TC/Tool(tcscr)	1.00.00	No
Language File Translation Tools(tcstrans)	1.03.02	No
TC/UAS(tcscr)	7.09.03	No
Voice User Tool(TCUserTool)	1.01.00	No
Fax Viewing and Printing Component(tcscr32)	4.04.09	Changed
TC/VoiceLink2 Log(tcscr2log)	1.03.00	No
TC/VoiceLink2 TCOSS Poller(tcscr2polltccoss)	1.04.00	No
TC/VoiceLink2 Response(TCVL2Response)	1.03.00	No
TC/VoiceLink Agent Transform(tcscr2transform)	1.04.00	No
TC/VoiceLink2(tcscr2)	1.03.01	No
VoiceAccess(TCVMail)	3.09.09	No
VoiceAccess Extension(TCVExt)	1.00.01	No
TC/VP2G(TCVVP2G)	1.01.00	No
TC/VRedirect(TCVRedirect)	1.01.04	No
TC/Vscheduler(TCVScheduler)	1.01.02	No
TC/VoiceXML VXIClient(TCVXIClient)	1.04.01	No
TCVXIMailboxDet(TCVXIMailboxDet)	1.03.00	No
TC/VoiceXML VXIObject(TCVXIObject)	1.03.00	No
TC/VoiceXML VXIPrompt(TCVXIPrompt)	1.03.00	No
TC/VoiceXML VXIRec(TCVXIRec)	1.04.00	No
TC/VoiceXML VXITel(TCVXITel)	1.04.00	No
TC/Web .Net(TCWeb.Net)	6.04.08	Changed
TC/Web IPMask Component(tcscr_web_tcscrmask)	1.00.04	No
TC/WebAccess(TcWebAc)	1.04.04	No
NULL(template)	2.13.02	No
TC/ECP Testinstnace(testecp)	2.00.02	No
KCS Foundation Classes(tfc)	1.17.00	Changed
TFC Library(tfclib)	1.01.00	No

Module	Release	Changed
TC/SNMP Tivoli NV Tools(tivolinvtools)	1.30.00	No
Intelligent Network Component for Exchange-specific email tasks(TNC_Tnef)	3.24.08	Changed
KCS Open Message Format Technical Manual(Tom)	2.31.01	Changed
TOPS SMSC SDK(tops-sdk)	6_0_29	No
TP80 Hardware Library(tp80)	7.14.01	No
Transputer Link Hardware Driver(tplink)	7.11.01	No
TC/SNMP Trap Tools(traptools)	1.00.00	No
TC16 HW Testprogram(tt04-tc16)	1.03.02	No
TC22 HW Testprogram(tt04-tc22)	1.03.01	No
Line Server Test Program 05(tt05)	1.01.01	No
Line Server TC18 DSP Test Program(tt06-dsp)	1.05.02	No
Line Server TC18 PPC Test Program(tt06-ppc)	1.04.01	No
Microsoft SAPI 4(tts-sapi_40)	4.00.00	No
TTS Configuration Tool(TTSConfig)	2.10.02	No
TCOSS Web Services(Tws)	3.24.10	Changed
(Tws-ImageMagick)	6.9.1-2	Changed
Image to TIFF Conversion Tool(Tws-ImageToTiff)	1.05.00	Changed
MS Office-independent document converter(Tws-KFXConverter)	1.02.03	Changed
Microsoft Visual C++ 2003 Redistributable(Tws-msvc7redist)	7_1_3088	No
NULL(Tws-msvc9redist-rtm)	.	No
Image IO Library(Tws-tcimgio)	2.33.01	Changed
TC/Lib(Tws-tclib)	7.32.03	Changed
Client Server Interface(Tws-tcsi)	2.78.11	Changed
Transport Interface(Tws-TCTI)	2.14.10	No
Intelligent Network Component for Image Conversion(Tws-TNC_Converter)	3.24.08	Changed
Intelligent Network Component for Document Conversion(Tws-TNC_DocConv)	3.24.08	Changed
Intelligent Network Component for File Access(Tws-TNC_File)	3.24.08	Changed
Intelligent Network Component for HTTP(Tws-TNC_Http)	3.24.08	Changed
Intelligent Network Component for Image Conversion(Tws-TNC_Imageio)	3.24.08	Changed
Intelligent Network Component for TCSI(Tws-TNC_Tcsi)	3.24.08	Changed
Intelligent Network Component for Simple Workflow Processing(Tws-TNC_Tsl)	3.24.08	Changed
Intelligent Network Component for Xml Stylesheet Language Transformations(Tws-TNC_Xslt)	3.24.08	Changed
Intelligent Network Master(Tws-TnMaster)	3.24.09	Changed
(Tws-TotalMailConverterX)	2.1.0.169	No
TCOSS Web Services Code Samples(TwsSamples)	1.01.00	No
(ucma_3_0_API_runtime)	4_0_7577_0	No

Module	Release	Changed
CyberActiveX UniSuitePlus Unicode Controls(UniSuitePlus)	1.00.13	Changed
UsrDDE(usrdde)	1.30.00	No
User IO(usrio)	2.31.01	Changed
TC/Report VBPerf(vbperf)	2.30.00	No
Voiceprompt Library(VoiceLib)	2.01.05	No
VRS Components (vrstest, vrs_components)	1.05.03	Changed
WConfig(wconfig)	7.95.21	Changed
TC/LINK-X4(x4)	1.13.05	No
Xerces-C XSLT Processor(XercesC)	2.06.01	No
XML Integration(xml)	2.16.00	No
XML to TCSI conversion Tool(xml2tc)	1.00.01	No
NULL(XmlExit)	1.00.07	No
NULL(XmlValidator)	0.00.05	No
TC/Backup Zip Library(zip)	1.78.00	No

