

Kofax Communication Server

9.1

Release Description



Current Version: 7.90.04

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Differences to version 7.88.04

Table of Contents

1	Changes	4
1.1	TC/LP and TC/SP Merged	4
1.2	EasyConfig.....	4
1.3	Mail Auditing: Open Messages in Short Term Archive (SPR00069292)	4
1.4	TC/Web: Changed Registry Locations	4
1.5	KCS Backup Enhancements.....	5
1.6	Remote Viewing of LineServer Trace.....	5
1.7	TC/Web: Confirmation of Sent Messages (SPR00069622)	5
1.8	KCS Monitoring: Change of GetAlerts (SPR00069834).....	5
1.9	KCS Monitoring: Support of SSL.....	6
1.10	KCS Monitoring: Change of KPI Events (SPR00069049,SPR00066268).....	6
1.11	KCS Monitoring: Additional Web Service Functions (SPR00070313, SPR00066247)..	6
1.12	KCS Monitoring: Save License Server Configuration (SPR00068542)	7
1.13	Version Tracking: Support of Kofax Monitor 6.0.....	7
1.14	Version Tracking: Microsoft SQL Server 2008 R2 Support in Server Package.....	7
1.15	Version Tracking: Office 2010 Support	8
1.16	Document Converter Enhancement.....	8
1.17	TC/LINK-RS: Integration with SharePoint (SPR00066319).....	8
1.18	TC/LINK-RS: Archiving/Release of Text Messages (SPR00066320).....	9
1.19	TC/LINK-MD: PDU Mode (SPR00065019)	9
1.20	TC/LINK-MD: Dynamic Unicode Character Support (SPR00083026).....	9
1.21	TC/LINK-MQ Memory Allocation Enhancement.....	9
1.22	TC/LINK-FM: Configurable Parameter for Automatic Creation of MFP User Profiles (SPR00065732)	10
1.23	TC/LINK-FM: Shadow user recognition required for messages sent via TC/LINK-FI (Xerox XST Format) (SPR00071012)	10
1.24	TC/LINK-MX7: Support of Exchange Online (SPR00068979)	10
1.25	KCS FoIP: Inbound SIP Failover with Multicast Addresses	11
1.26	KCS FoIP: Support of Static NAT (SPR00064568).....	11
1.27	KCS Capture Connector Redesign	11
1.28	JATE Certification (SPR00070150).....	12
1.29	Outbound ISDN SETUP only transmits up to 20 characters, should support more (SPR00070052)	12
1.30	TC/LINK detects TCOSS code page automatically (SPR00070917)	12
1.31	NIC Teaming.....	12
2	Support Changes	14
2.1	End of Support for IKON FoIP.....	14
2.2	Phaseout of TCOSS TCDC and TC/OCR.....	14
2.3	Phaseout TC/LINK-GW.....	14
2.4	Phaseout of TC/LINK-CCD	14
3	About This Package	15
4	KCS Solved Errors	16

5	Modules Overview	28
5.1	Software Modules	28
5.2	Manuals	33

Changes

1.1 TC/LP and TC/SP Merged

KCS Link Package and KCS Server Package are now merged into a single Kofax Communication Server package.

When updating a link, KCS Monitor (TCMon) is not updated automatically anymore. To install the latest KCS Monitor, select it in the Common > Administrative Tools part of the setup.

1.2 EasyConfig

KCS EasyConfig is a tool designed to simplify installation, deployment, and configuration of Kofax Communication Server.

The classic installation of KCS is still supported; in fact, many of the more complex installations still require the classic, interactive way. However, some of the most important use cases of KCS are already covered by EasyConfig.

This high-level procedure describes the general installation procedure:

- 1 Install KCS via EasySetup.exe. All KCS components supported by EasyConfig are installed in an unattended mode.
- 2 Start EasyConfig tool from the Start menu.
- 3 Select which KCS components do you want to use.
- 4 Configure the selected components.
- 5 Use License Maintenance Tool to configure your licenses.
- 6 Save and deploy the configuration.
- 7 Start (or restart) the affected KCS processes to apply the changes.

For more information see:

- EasyConfig Manual – Version 7.90.00 Edition 1 or higher

1.3 Mail Auditing: Open Messages in Short Term Archive (SPR00069292)

The mail auditing feature writes audit log entries to the TCOSS short term archive. New with this release, TCOSS can now audit opening messages from the short term archive.

The configuration flag for auditing short term archive is set in the system configuration, line 21, position 3:

- short term archive auditing flags, 00 = inactive (default), 01 = audit message open

For more information see:

- TCOSS Application Module Manual – Version 7.88.07 Edition 2 or higher
Chapter: Interfaces – TCSI (TC Client Server Interface) – Mail Auditing
- TCOSS Configuration Manual – Version 7.88.14 Edition 2 or higher
Chapter: Config Files – Common Config Parameters (SYSCONF)

1.4 TC/Web: Changed Registry Locations

The registry keys for TCRT, TCSI, and TCTI are now located under HKEY_LOCAL_MACHINE\SOFTWARE\TOPCALL\TCWEB\.

The registry values for general trace settings are directly under HKEY_LOCAL_MACHINE\SOFTWARE\TOPCALL\TCWEB\.

When updating to this release, you have to manually create and configure these registry keys/values in their new locations.

For more information see:

- TC/Web Installation and Configuration Manual – Version 5.01.09, Edition 5 or later
Chapter: Configuration – Other Components – Registry Paths
Chapter: Configuration – Other Components – TCRT Registry Keys
Chapter: Configuration – TC/Web Registry Settings

1.5 KCS Backup Enhancements

It is now possible to recover a backed-up KCS to a different computer. There is a new button in the recovery wizard, “Restore to another computer”. If you recover to a different computer, KCS licenses will not be recovered! You need to get new licenses.

There is also new item to recover, TCOSS file structure settings. This does not recreate the file structure, rather, the information about its structure is written in a text file.

1.6 Remote Viewing of LineServer Trace

LineServer now saves trace information to log files in its flash memory. The Remote LineServer Diagnostics tool can now display traces interactively or display older saved log files. Serial connection is not needed (but the old way of tracing LineServer via serial cable is still supported).

1.7 TC/Web: Confirmation of Sent Messages (SPR00069622)

It is now possible to send confirmation messages of previously sent messages. These confirmation messages include the original message as well as information about the original send order.

This feature is primarily focused on confirming fax messages. Other message types can be resent as well, but previewing might not work. Also, some configuration options might be only relevant for fax messages.

To send confirmations in TC/Web, go to outbox or archive, select one or more messages and click Send Confirmation.

This feature is configured via the following registry keys under HKLM\Software\TOPCALL\TCWEB\:

- SendConfEnable – If set to “1”, the feature is enabled and the Send Confirmation button and action is added to TC/Web user interface.
- SendConfHeaderExpr – VB Script expression used to generate the text for the message header.
- SendConfFooterExpr – VB Script expression used to generate the text for the message footer.
- SendConfCoverExpr – VB Script expression used to generate the text for the image overlay of every page of the message.
- SendConfHLNExpr – VB Script expression used to override the text for the FAX header line of the message.
- SendConfSubjectExpr – VB Script expression used to generate the text for the message subject.

For more information see:

- TC/Web Installation and Configuration Manual – Version 5.01.09, Edition 3 or later
Chapter: Configuration – Confirmation of Sent Messages
- TC/Web User Manual – Version 5.01.12, Edition 2 or later
Chapter: Standard Features – Sending a Message – Send Confirmation for Previously Sent Message

1.8 KCS Monitoring: Change of GetAlerts (SPR00069834)

The interface of GetAlerts web service call was enhanced, supporting additional elements Filters and MaxSearch in the Options parameter.

- The Filters element is a list of Filter nodes. Possible filters are From (earliest send time) and To (latest send time). For filters, use the format YYMMDD:hhmmss.
- The MaxSearch element limits the maximum number of alerts to be returned. The default value is 1000.

For more information see:

- KCS Monitoring Technical Manual (MonitoringTechManual) – Version 1.01.00 Edition 4 or higher
Chapter: Monitoring via Web Services – Web Services for Alerts – GetAlerts

1.9 KCS Monitoring: Support of SSL

It is now possible to use secure connection to KCS monitoring web services server.

To enable SSL with KCS monitoring,

- 1 Obtain a server certificate from a certification authority. The subject of this certificate must be the computer name (without domain name) of the machine hosting KCS Monitoring. Please use the real name of the server (not “localhost”). Install the server certificate as a personal certificate.
- 2 You also need the certificate issuer’s root certificate. Install this certificate as a trusted root certification authority.
- 3 View the details of the server certificate and copy the value of Thumbprint parameter to the clipboard.
- 4 Edit the file cockpit.xml. Change the XML value Server to the real server name (not “localhost”). Paste the content of your clipboard into the XML node SslCertificateThumbprint.
- 5 Restart the KCS Monitoring WebServices service to make the configuration change effective.

Make sure that clients access the Web Service via correct URL, i.e., starting with “https” and using real server name (not “localhost”).

For more information see:

- KCS Monitoring Technical Manual – Version 1.01.00, Edition 4 or later
Chapter: Monitoring via Web Services – General Information

1.10 KCS Monitoring: Change of KPI Events (SPR00069049,SPR00066268)

- KPI alerts are now sent also when the status changes from Warning or Error to another state.
- The content of the KPI alert message is configurable via a text file. Place holders for alert information can be used in this text file.

For more information see:

- KCS Monitoring Technical Manual (MonitoringTechManual) – Version 1.01.00 Edition 7 or higher
Chapter: Hints and Restrictions – Hints – Template for KPI Alerts

1.11 KCS Monitoring: Additional Web Service Functions (SPR00070313, SPR00066247)

KCS Monitoring now supports the following additional web service functions:

- The new function GetRoleForAppServer checks the permissions of the current credentials with regard to application servers and applications.
- A set of new functions allows changing individual KPI settings without passing the complete KPI definition as parameter.
- Two new functions for enabling or disabling servers.

For more information see:

- KCS Monitoring Technical Manual (MonitoringTechManual) – Version 1.01.05 Edition 1 or higher
Chapter: Monitoring via Web Services – Web Services for Application Server Configuration – GetRoleForAppServer

Chapter: Monitoring via Web Services – Web Services for KPIs – SetKPILevels
Chapter: Monitoring via Web Services – Web Services for KPIs – SetKPIAlerts
Chapter: Monitoring via Web Services – Web Services for KPIs – SetKPILiveMonitoring
Chapter: Monitoring via Web Services – Web Services for KPIs – SetKPIDescription
Chapter: Monitoring via Web Services – Web Services for KPIs – SetKPIQuery

Chapter: Monitoring via Web Services – Web Services for Message Server Configuration –
MsgServerEnablement

Chapter: Monitoring via Web Services – Web Services for Application Server Configuration –
AppServerEnablement

1.12 KCS Monitoring: Save License Server Configuration (SPR00068542)

In the KCS Monitoring and Alerting Configuration application, it is now possible to save the license server configuration only. This operation does not require SQL server authentication.

For more information see:

- KCS Monitoring Configuration User Manual (MonitoringConfigurationUserManual) – Version 1.00.00 Edition 3 or higher
Chapter: Features – Save License Server Configuration

1.13 Version Tracking: Support of Kofax Monitor 6.0

Kofax Communication Server can now be monitored and managed via Kofax Monitor 6.0. Kofax Monitor offers functions similar to KCS Monitor (TCMon), and it offers additional functions related to monitoring key performance indicators of KCS:

- TCMon functions (start/stop application/messaging server, start/stop applications, reset disk/nodes, view channel status)
- KPI monitoring functions (you can monitor KPI of various KCS servers, you can configure alerts and actions when KPI reach a threshold value, you can display reports showing historical data)

Kofax Monitor uses a client-server architecture and offers a web-based user interface. You can monitor and manage KCS from any computer with an internet browser (no Kofax software is required on client computers).

Kofax Monitor is a standalone product. It is not part of Kofax Communication Server setup.

KCS Monitoring (part of Kofax Communication Server) is required for Kofax Monitor.

For more information see:

- KCS Monitoring Technical Manual (MonitoringTechManual) – Version 1.01.00 Edition 4 or higher
- Kofax Monitor 6.0 documentation

1.14 Version Tracking: Microsoft SQL Server 2008 R2 Support in Server Package

Microsoft SQL Server 2008 R2 and Microsoft SQL Server 2008 R2 Express are now supported in the following KCS Server Package components:

- TC/Probe
- TC/Report
- KCS Monitoring

The R2 is used and configured in the same way as SQL Server 2008.

No version tracking for TC/MA (Message Analyzer).

For more information see:

- TC/Probe Technical Manual (tcprobe) – Version 1.00.14 Edition 3 or higher
Chapter: Installation, Configuration, Maintenance – Prerequisites
- TC/Report Technical Manual (tcreport_tech) – Version 2.14.02 Edition 5 or higher
Chapter: Minimum Requirements
Chapter: Installation – Step 1 – Installation of the Database

1.15 Version Tracking: Office 2010 Support

Microsoft Office 2010 is now supported in the following KCS component:

- Document Converter (for links and TWS)

This version of Microsoft Office is used and configured in KCS in the same way as version 2007. However, see also *Document Converter Enhancement*.

For more information see:

- KCS Document Conversion Technical Manual – Version 2.15.00 Edition 4 or higher

1.16 Document Converter Enhancement

For converting Microsoft Office documents on Windows Server 2008, it is necessary to configure a DCOM user for the Office applications. This user can be either set to "Interactive", which makes the Document Converter run in a test mode where you can watch the applications and troubleshoot problems, or to a specific user, which makes the Document Converter to run in productive mode without showing the applications and where no user has to be logged on.

The new registry configuration HKLM\Software\TOPCALL\TCDCLINK\UserMode makes it possible to automatically set the necessary DCOM user configurations for the Microsoft Office applications. The following settings are possible:

- 0 – Current configuration – the DCOM user settings are not changed (for Windows versions before 2008, for updates of previously configured systems, or for manual DCOM configurations)
- 1 – Test Mode – the DCOM user settings are set to "Interactive"
- 2 – Productive Mode – the DCOM user settings are set to the TCDCLINK user

If you modify the UserMode, consider modifying the LogonType registry value accordingly.

For more information see:

- KCS Document Conversion Technical Manual – Version 2.15.00 Edition 4 or higher
Chapter: Hints and Restrictions – Hints – Registry Setting TCDCLINK\UserMode

1.17 TC/LINK-RS: Integration with SharePoint (SPR00066319)

TC/LINK-RS can now connect with Microsoft Office SharePoint Server 2007.

Ascent 7.5 Release Script for Microsoft Office SharePoint 2007 together with TC/LINK-RS releases fax and SMS messages from the KCS server into the Microsoft Office SharePoint 2007 repository. A new manual describes this integration:

- TC/LINK-RS SharePoint Integration Technical Manual

General information about TC/LINK-RS can be found here:

- TC/LINK-RS Technical Manual

1.18 TC/LINK-RS: Archiving/Release of Text Messages (SPR00066320)

TC/LINK-RS now supports archiving and release of text messages, such as SMS (in addition to the previously supported fax messages).

To release text, enable the “Release OCR full text file with document” option on the Release Setup | Image Settings tab. In addition, you must select “Enable OCR full text” in your applicable document class properties.

Note: TC/LINK-RS does not include real OCR. The OCR Full Text option releases existing message text.

For more information see:

- TC/LINK-RS Technical Manual
Chapter: Configuration – Configuration Tool TCReleaseConfig – Settings That Can Be Configured for Several Object Types – Support OCR
Chapter: Restrictions – No Real OCR

1.19 TC/LINK-MD: PDU Mode (SPR00065019)

TC/LINK-MD (KCS UCP) supports sending and receiving of PDU strings (the binary string that is transferred between mobile device and SMS Center, as defined in GSM 03.40). The PDU is decoded and the parameters are mapped to those of the UCP protocol (or the incoming UCP message is used to create the PDU that is forwarded to KCS).

Outgoing messages (from KCS to mobile) in PDU format have to include the binary message tag <B1> in the recipient address. The <CODING> tag has to be set to “PDU” and the <BINARY> tag has to consist of the hexadecimal PDU string.

For incoming SMS (from mobile to KCS) the PDU mode has to be configured per-instance of TC/LINK-WM by setting the registry parameter “Coding” to “PDU-NAT”.

For more information see:

- TC/LINK-WM and TC/LINK-MD Technical Manual – version 2.20.00 edition 2 or higher
Chapter: Product Description – Binary Messages – PDU Format

1.20 TC/LINK-MD: Dynamic Unicode Character Support (SPR00083026)

For countries where non-GSM 7-bit characters and characters of the GSM 7-bit default alphabet are used, dynamic character encoding is supported. In this case TC/LINK-WM (MD) checks if the SMS to send contains only GSM 7-bit supported characters. If an unsupported character is found, the SMS is sent as a Unicode message; if only GSM 7-bit characters are found, the SMS is sent as GSM 7-bit message.

For dynamic Unicode character support you need a conversion table that defines the conversion from your Windows code page to GSM 7-bit.

Additionally, the following registry key has to be set to 1:

HKEY_LOCAL_MACHINE\Software\TOPCALL\TCLINKxx\Protocol\Out\CodingUcs2IfNecessary.

For more information see:

- TC/LINK-WM and TC/LINK-MD Technical Manual – Version 2.21.00 Edition 2 or later
Chapter: Installation – Dynamic Unicode Character Support

1.21 TC/LINK-MQ Memory Allocation Enhancement

TC/LINK-MQ memory allocation while requesting messages from the MQ Server can now be configured via a new registry key HKLM\Software\TOPCALL\TCLINKMQ\Options\EnhMemManagment. It can take the following values:

- 0 – MQ messages are always fetched with configured maximum messages size

- 1 – Message size is requested from MQ Server and memory is allocated dynamically

For more information see:

- TC/LINK-MQ Technical Manual – Version 2.22.00 Edition 2 or later
Chapter: Appendix – Registry Values Used by TC/LINK-MQ

1.22 TC/LINK-FM: Configurable Parameter for Automatic Creation of MFP User Profiles (SPR00065732)

With the registry setting ... \TCLINKFI\MFP\MfpUserAttribute you now have the explicit possibility to choose an attribute for the automatic creation of the MFP user profile and the originator of the message. For using this attribute as originator, ... \TCLINKFI\MFP\OriginatorIsMfpHostName has to be set to 1.

Example: ... \TCLINKFI\MFP\MfpUserAttribute = “##ScannerHostname”

If this setting is left empty, the attributes “##ScannerName” and “##UserName” are used.

For more information see:

- TC/LINK-FI Technical Manual
Chapter: TC/LINK-FI Message Syntax Definition – HPF Format Support (for HP MFPs) – TC/LINK-FI Configuration

1.23 TC/LINK-FM: Shadow user recognition required for messages sent via TC/LINK-FI (Xerox XST Format) (SPR00071012)

TC/LINK-FM can now be configured in a way that if a user logged on to a Xerox MFP sends a message from the MFP, the user becomes the originator of that message. In effect, there is now a new parameter NetworkUsername in the section [service xrx_svc_general] of the xst file.

To enable this feature, set this registry value... \TCLINKFI\Mfp\OriginatorIsMfpHostName = 0

If this value is set to 1, the MFP name or IP address is used as originator. This is also the default originator for messages from Xerox MFPs via TC/LINK-FI.

For more information see:

- TC/LINK-FI Technical Manual – Version 2.25.00 Edition 2 or later
Chapter: TC/LINK-FI Message Syntax Definition – Xerox XST Format Support (for Xerox MFPs)

1.24 TC/LINK-MX7: Support of Exchange Online (SPR00068979)

TC/LINK-MX7 now supports Microsoft Exchange Online:

- TC/LINK-MX7 can provide email communication with Exchange Online mailboxes. The connection is done via SMTP.
- TC/LINK-MX7 enables Exchange Online users to access all services available on the Kofax Communication Server, e.g. send and receive faxes, receive voice mail, etc.
- As a member of the TC/LINK-SM product family, TC/LINK-MX7 supports all SMTP/MIME features provided by TC/LINK-SM: multiple parallel receive threads, binary attachments, extended character sets and enhanced delivery status notifications, optional SSL security
- Additionally, TC/LINK-MX7 can handle TNEF encoded messages (attachment winmail.dat) that are sometimes sent by Exchange servers.
- TC/LINK-MX7 is member of the TC/LINK family and therefore has a unified architecture and all the common features (e.g. document conversion, configurable covers and templates, configurable address mapping, and so on).
- Support of Kofax Communication Server features like printing all incoming email, auto-forward feature, least cost routing, delayed sending, alerts (via shadow user profiles).
- No additional configuration on Exchange side is needed: no connectors, no SSL certificates

Restrictions:

- Exchange Online supports only SMTP addresses. Therefore, custom address types like FAX or SMS cannot be used.
- Exchange Online does not support MAPI. As a consequence, Voice Access via telephone is not possible.
- Exchange Online does not return delivery notifications.

For more information see:

- TC/LINK-MX7 Integration with Exchange Online (new manual)

1.25 KCS FoIP: Inbound SIP Failover with Multicast Addresses

KCS Fax over IP now supports an additional type of failover configuration.

FoIP can receive inbound SIP calls from a multicast address. Multicast inbound provides load balancing and failover for inbound calls without special handling in the IP telephone system.

If multiple FoIP instances are active with the same multicast address, each one starts with the inbound call (like a multi-ring feature). The first instance which accepts the call (by sending a 200 OK response to the INVITE message) gets the call. This instance also informs all other instance to release it, which will end the call with TCOSS error code "JS" and internal error number 12722 in the FoIP trace.

The following restrictions should be considered when using multicast:

- If you configure a multicast IP, IPv6 support will be disabled for SIP.
- Multicast works only if a local IP is specified in the VoIP/FoIP network settings.
- The IP system must be able to correctly handle inbound calls to a multicast IP address. This is the case if the system complies with the RFC 3261 (SIP).
- It is recommended to install all FoIP instances in the same network segment as the gateway. This can prevent possible problems with time to live settings (TTL), reverse path forwarding (RPF), or blocked multicast traffic forwarding via routers.

For more information see:

- Fax over IP Technical Manual (foip_man) – Version 3.11.00 Edition 1 or higher
Chapter: Installation – Advanced Configuration – SIP Signaling
Chapter: Integration with KCS – Configuration Hints – High Availability Support – Inbound SIP Failover with Multicast Addresses

1.26 KCS FoIP: Support of Static NAT (SPR00064568)

KCS FoIP and gateway can be located in separate networks connected by a router performing static networking address translation (NAT).

NatTraversallp is a new parameter in the H.323 tab of FoIP configuration. If H.323 calls are forwarded via static NAT you must set this value to the mapped own IP address (as it appears on the other side of the static NAT router).

For more information see:

- Fax over IP Technical Manual – Version 3.12.00 Edition 1 or later
Chapter: Integration with KCS – Configuration Hints – Support of Static NAT

1.27 KCS Capture Connector Redesign

KCS Capture Connector was redesigned. It now includes the following additional features:

- Support for Kofax Capture SecurityBoost (SPR00083298)
- Support for accelerator keys (SPR00083216)
- Configurable name of the export connector module (SPR00082907)

- Online help (SPR00083125)
- KCS Capture Connector configuration change automatically picked up by service (SPR00083134)
- Move the fields KcsOriginatorService and KcsOriginatorNumber to the list of Basic KCS Field Mapping (SPR00082905)
- FR: If there are no {Kcs...} index fields the administrator has to remove all mappings manually (SPR00082906)

The schema of the configuration file of the Import Module was modified. Therefore, configuration is lost when upgrading from the KCS Capture Connector version included in KCS 9.0 to the latest version. You have to reconfigure KCS Capture Connector in Kofax Capture Administration console.

The predefined batch classes included with KCS Capture Connector from KCS 9.0 do not support Kofax Capture Folders. If you want to use Kofax Capture Folders and export them as index fields, either get the new batch classes included in KCS 9.1 or use your own.

For more information see:

- Capture Connector Technical Manual (CaptureConnector.doc) – Version 2.00.00 Edition 2 or higher

1.28 JATE Certification (SPR00070150)

Model 305 (LineServer, LS1) is now approved for sale by Japan Approvals Institute for Telecommunications Equipment (JATE, www.jate.or.jp/english/index.html).

1.29 Outbound ISDN SETUP only transmits up to 20 characters, should support more (SPR00070052)

The maximum length of ISDN numbers (inbound and outbound) has been increased from 20 to 40 digits.

The following restrictions apply:

- The number length when using service FAX is still 32 digits.
- In TCfW inbox and outbox view, only part of the number is displayed.
- A journal entry has 40 positions minus the length of the prefix:
- Journal Inbound starts with "FXI:", i.e., max. 36 digits (e.g. FXI:123456789012345678901234567890123456).
- Journal Outbound starts with "F:" / "IO:+F", i.e., max 35 / 38 digits (e.g. IO:+F12345678901234567890123456789012345).

For more information see:

- TCOSS System Manual – Version 7.90.00, Edition 2 or later
Chapter: INTERFACE CONTROL (USER MODULES) – User Module for ISDN FAX (UIF) – General About UIF – ISDN Number Length

1.30 TC/LINK detects TCOSS code page automatically (SPR00070917)

When installing/updating a link via KCS Setup, you do not need to enter the TCOSS code page anymore. TCLINK.EXE reads this setting from TCOSS and writes the code page to the registry value Topcall\CodePage at startup. This automatic code page detection can be disabled by setting registry value Topcall\CodePageAutoDetect to 0. Registry value Topcall\CodePageAutoDetect is created (if necessary) during link start, the default value is 1.

For more information see:

- TC/LINK Manual – Version 2.24.00, Edition 10 or later
Chapter: Product Description – Code Pages and Character Sets

1.31 NIC Teaming

KCS was successfully tested with NIC teaming solutions by Intel and HP.

Network interface card (NIC) teaming is the process of grouping together several physical NICs into one single logical NIC. The goal of the NIC teaming services is to provide fault tolerance across a team of two or more ports on a TCOSS server.

By NIC teaming more than one physical NIC to a logical NIC, high availability of a TCOSS server is maximized. Even if one NIC (or cables) fails, the network connection does not cease and continues to operate on other NICs.

For more information see:

- Platform Manual - Version 3.00.04, Edition 15 or later
Chapter: Configuration Examples - How to Configure Network Interface Card Teaming

Support Changes

2.1 End of Support for IKON FoIP

The fax over IP solution involving third-party components from IKON (FoIPv1) has reached its end of support. Customers are advised to migrate to proprietary KCS FoIPv3 solution. This upgrade is available for free.

2.2 Phaseout of TCOSS TCDC and TC/OCR

TCOSS TCDC and its component TC/OCR has reached the end of support and cannot be installed anymore. TCOSS TCDCSIGN remains fully supported.

2.3 Phaseout TC/LINK-GW

TC/LINK-GW has reached its end of sales on July 30, 2010. It will reach the end of support on July 30, 2011. With the phaseout of TC/LINK-GW, the following additional features will be phased out:

- SPI-GW
- Directory synchronization with NDS (Novell Directory Service)

2.4 Phaseout of TC/LINK-CCD

TC/LINK-CCD has reached its end of sales on July 30, 2010. It will reach the end of support on March 31, 2013. It is replaced by KCS – Kofax Capture Connector.

About This Package

This package was tested with the following operating systems:

- Windows Server 2003 R2 SP2
- Windows Server 2008 SP2
- Windows Server 2008 R2

The package was tested with the following software releases:

- Internet Explorer 8
- Microsoft Office 2010
- Office 2007 SP2
- Office 2003 SP3
- Lotus Notes 8.5.2
- SQL Server Express 2008 R2
- SQL Server Express 2008 SP2
- SQL Server Express 2005 SP4
- Exchange Server 2003 SP2
- Exchange Server 2007 SP3
- Exchange Server 2010 SP1
- SAP 7
- Cisco CallManager 7

All Microsoft hotfixes released until 1 January 2011 were installed.

KCS Solved Errors

KCS		
Component	Rank	(SPR ID) Headline
RLA		(SPR00070975) Welcome screen contains "TOPCALL"
TC/Broadcast	2	(SPR00065896) Memory leak in TCNOTIF (broadcast)
TCP/Meter	2	(SPR00069675) TCPMeter analysation shows no txMeter values on some LS1
KCS Capture Connector	2	(SPR00070592) KCS Capture connector exports wrong Image Data
TC/VoiceAccess	3	(SPR00056171) No check is done if SAPI5 is installed
TWS	3	(SPR00069238) The trace and eventlog entie for missing TWS licence must be more exact
Monitoring	3	(SPR00069536) GetKPIStatus for blocks not mirrored always returns 0
Easy Config Tool	3	(SPR00071236) Schema attribute hexmask is not correctly handled for SYSCONF targets
KCS Capture Connector	3	(SPR00083271) KCS-KC caching User Profile settings.
KCS Capture Connector	3	(SPR00083411) KCS-KCC connection won't start if just one of the queues does not have a Recipient Store address.

KCS 2.37.00		
Component	Rank	(SPR ID) Headline
TC/LINK-LN	1	(SPR00069152) MailOpenMessage returned error (15097) No MIME data.
TC/LINK-CCD	1	(SPR00082941) TC/ BatchCollector crashes when mail without attachment arrives
TCDCLINK	1	(SPR00083531) KCS 8.2 should be able to convert PDF files that were created with 'PDF Library V9'
EmailConnect	2	(SPR00066261) Conversion of PDF's created from Microsoft PowerPoint 2007 with "Save As PDF" to colored TIFFs 300 dpi does not work
TC/LINK-LN	2	(SPR00069163) message still stays in LN2TC Database after no mime content error
TC/LINK	2	(SPR00069278) Background color black instead of white for some PDFs converted to TIFF JPEG
Setup	3	(SPR00069316) TC/LP Setup does not install all files of the Datalogics 9.0.1 library
TC/LINK-MD	4	(SPR00065019) FR: Support of native PDU mode for TC/LINK-MD KCS UCP mode (inbound and outbound)
TC/LINK-MD	4	(SPR00083026) FR: TC/LINK-MD should support sending of both ASCII and UNICODE messages in one Instance

KCS 2.37.01		
Component	Rank	(SPR ID) Headline
TC/LINK-SM	1	(SPR00069649) TC/LINK-SM crashes when receiving Messages containing Base64 encoded attachments without CR-LF separations
TC/LINK	1	(SPR00083775) TCimgIO pdf conversion not working with fine mode and certain PDF files

KCS 2.37.02		
Component	Rank	(SPR ID) Headline
TC/LINK-SM	1	(SPR00082903) Link-SM crashes for specific mails

TC/LINK-SM	2	(SPR00069663) SMIPList or domainlist.txt does not work for all IPv6 addresses
TC/LINK-SM	2	(SPR00069974) Endless loop when link does not find end boundary in an LSM file

KCS 7.87.08		
Component	Rank	(SPR ID) Headline
WConfig	3	(SPR00066321) Window title of "Install configuration to multi-TCOSS instance" does not show configuration directory info

KCS 7.88.03		
Component	Rank	(SPR ID) Headline
FoIPv3	3	(SPR00069088) FoIP call via SIP may fail with error JX (I:INT;0;42020;21-2FF)

KCS 7.88.04		
Component	Rank	(SPR ID) Headline
FoIPv3	2	(SPR00069198) Call transfer type "internal" does not work anylonger both for SIP and H.323 protocol

KCS 7.89.00		
Component	Rank	(SPR ID) Headline
FoIPv3	2	(SPR00069269) Fax inbound may not work if the SIP body contains binary data
Monitoring	3	(SPR00069067) it is not possible to sort for enabled/disabled server in the monitoring administration tool
TCBroadcast Manual	3	(SPR00069161) option 4 is not documented in the broadcast manual

KCS 7.89.01		
Component	Rank	(SPR ID) Headline
Monitoring	2	(SPR00066832) GetKPIConfigurations should return an error if ownertype and servename does not match.
Setup	2	(SPR00069563) Old version of Printer driver modules and Image conversion modules shipped with Standalone document converter Setup MSI
Monitoring	3	(SPR00069035) If I want to start or stop an application which does not exist, no error is shown
Monitoring	3	(SPR00069503) summaryoperator count should not require a field value
Monitoring	3	(SPR00069508) request for servenames should work case insensitive
Monitoring	3	(SPR00069534) BlksNotMirrored always returns 0
TC/VoiceAccess	3	(SPR00069653) Microsoft TTS Engine 4.0: setup could not find a drive with enough free disk space

KCS 7.89.02		
Component	Rank	(SPR ID) Headline
FoIPv3	2	(SPR00069892) FoIPv3 SIP does not include record-route attribute in any response methods
FoIPv3	2	(SPR00070086) SIP Registration does not work if a sip port is configured in the call-peer
TC/Report Report	3	(SPR00068562) TC/Report cant create reports in \\servername\service\filename.pdf

TC/Report Report	3	(SPR00069073) a not fetched server results in not being able to create a report
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KCS 7.89.03		
Component	Rank	(SPR ID) Headline
TC/Web	1	(SPR00069750) click the 'send confirmation' button leads to an application error
FoIPv3	1	(SPR00070041) Internal call transfer cuts media after 120 seconds
FoIPv3	1	(SPR00070044) Audio from called party to calling party of internal call transfer is severely delayed
TC/LINK	1	(SPR00070157) Problem in TC/MIME if path/filename is delimited with double-quotes and leading white-space
FoIPv3	1	(SPR00070456) Inbound call with V.34 may fail on slow machines
TCDCLINK	1	(SPR00082909) Lincoln Converter error with certain .pcl and .ps files
TC/LINK-SM	1	(SPR00083970) TC/Link-SM crashes after update to 2.36
TC/LINK-FM	2	(SPR00065732) FR: additional MFP synchronization field for UserID
TCOSS TAM Manual	2	(SPR00069288) supported operating system
TC/Archive	2	(SPR00069615) TC/Archive messages with no content
TC/Web	2	(SPR00069623) rejecting a message: the subject field is empty
TC/Web	2	(SPR00069625) subject field is empty in saved messages
TC/Web	2	(SPR00069627) forward or reply a message: empty subject field
TC/LINK-SM	2	(SPR00069662) TC/Link-SM crash if remote mail server is not reachable
TCPMeter Manual	2	(SPR00069707) Misprint in the Technical Manual from TCPMeter
Monitoring	2	(SPR00069719) Setup: This application requires .NET Framework 3.5 SP1
TCWeb Install Manual	2	(SPR00069739) Wrong Information in the TC/Web Installation manual
TC/VoiceAccess	2	(SPR00069772) Voice XSP system reports "No connection to telephony hardware"
FoIPv3	2	(SPR00069814) Wrong SIP error code for rejected calls
TC/LINK-RS	2	(SPR00069828) file missing for link-rs sharepoint connector
Model350 Manual	2	(SPR00069861) GSM Box (Mod 350) manual error.
Monitoring	2	(SPR00069873) The monitoring administration tool does not give enough data for error "cannot create new application server"
TC/LINK-SM	2	(SPR00069973) Possible attachment corruption if base-64 block is not a multiple of 4 characters
FoIPv3	2	(SPR00070042) One way audio or bad audio quality at called party of internal call transfers in G.711 A-Law environments
Monitoring	2	(SPR00070182) wrong value may returned with wmi provider KCS
TC/LINK-FM	2	(SPR00070220) It sometimes happens that licences for created mfps appear 2 times
TC/LINK-MX7	2	(SPR00083897) Link-MX7 crash when checking the IP address of the Exchange Server
Setup	3	(SPR00055818) Setup cannot be installed
Monitoring	3	(SPR00066254) "stopping" better as "TCSRVR not reachable since x polls"
Monitoring	3	(SPR00069507) same servername should be prohibited
Monitoring	3	(SPR00069878) on refresh, the application mapping is disabled
Monitoring	3	(SPR00069879) on editing the application server and then pressing ok, the application mapping is disabled
TC/LINK-SM	3	(SPR00069896) SMIPList does not work correctly
Monitoring	3	(SPR00069925) If you try to assign a non existing alert queue to a message server a general error message pops up
Platform Manual	3	(SPR00070072) Doc. Error: SIP Transport Layer Protocol

TCCCD Manual	3	(SPR00070209) TC/KofaxNotif reports errors (Event log) when running in multiple instances on the same directory
LDAP Manual	3	(SPR00070382) Weekly Full Dirsync
FoIPv3	3	(SPR00070426) FoIP check if any call-peer is OK does not work as documented
TCSRv Manual	3	(SPR00083291) tcsrv_man_80000 document not correct for 64-bit.
Monitoring	4	(SPR00066268) FR: Alert text should be available as file or as template in the message folder
TC/LINK-RS	4	(SPR00066319) FR: TC/LINK-RS should support the Microsoft Sharepoint Release script
TC/LINK-RS	4	(SPR00066320) FR: TC/LINK-RS should support also other Message Types than FAX
Monitoring	4	(SPR00069049) FR: An Alert should be also sent if the status changes from Error/Warning to OK
TCOSS	4	(SPR00069292) FR: TCOSS Monitoring Enhancements

KCS 7.89.04		
Component	Rank	(SPR ID) Headline
TC/LINK	1	(SPR00070356) Problem in TC/MIME "_" is translated to "" in Content-Transfer-Encoding: quoted-printable
TC/VoiceLink2	1	(SPR00070454) Pipe symbol () not played by VoiceLink

KCS 7.89.05		
Component	Rank	(SPR ID) Headline
FoIPv3	1	(SPR00070504) FoIPv3 does not support Fax calls via SIP Proxies
Setup	2	(SPR00069632) MS Visual C++2005 Redistributable is not installed with the TC/SP docconv
TWS	2	(SPR00070123) document converter error with office conversion
FoIPv3	2	(SPR00070466) FoIPv3 does not handle the contact header field for outgoing calls according to RFC3261
Setup	2	(SPR00070545) Failure when trying to execute a package (SP or LP) which was created using the extract command /C
KCS Capture Connector	2	(SPR00083241) KCS-KC should not reject all faxes when Scan volume is depleted.
KCS Capture Connector	2	(SPR00083242) KCS-KC caching Scan volume.
TCOSS	3	(SPR00069984) Slow performance when 150 out of 180 FoIP channels are not allowed to send because of LN99 setting
FoIPv3	3	(SPR00070442) FoIP call-peer check does not work with IPv6 addresses
Monitoring Tech Manual	3	(SPR00070521) actualisation for integration to kofax monitor in the monitoring tech manual needed
Monitoring Tech Manual	3	(SPR00070523) manual must be changed for sending alerts on which conditions
KCS Capture Connector	3	(SPR00083085) KCS Admin plugin should not generate new task bar item when opened.
KCS Capture Connector	3	(SPR00083116) Syntax error in kcs_kc_connector.log.
KCS Capture Connector	3	(SPR00083124) KCS Capture Connector "Test Connection" failure message not sufficient.
KCS Capture Connector	3	(SPR00083133) Closing KCS Capture Connector dialogs using the title bar controls should prompt for save.
KCS Capture Connector	3	(SPR00083135) Polling Interval is 20 second intervals, not 1.
KCS Capture Connector	3	(SPR00083190) Batch and Document Mappings fly out menu should not be activated by spacebar.

KCS Capture Connector	3	(SPR00083266) Contrary to documentation, the KCS-KC log level is set to INFO, not ERROR.
KCS Capture Connector	3	(SPR00083330) "Error logging out from importer" on manual stop of TCSRv service.
KCS Capture Connector	3	(SPR00083333) Batch class not present dialog has grammar mistake and unnecessary verbiage.
KCS Capture Connector	3	(SPR00083391) Improper grammar in KCS-KCC restart message.
KCS Capture Connector	3	(SPR00083403) Spelling error in KCS-KCC log file message.
KCS Capture Connector	3	(SPR00083429) "Cannot get batch fields" messages in KCS-KCC log.
KCS Capture Connector	4	(SPR00083134) FR: KCS Capture Connector configuration change should automatically be picked up by service.
KCS Capture Connector	4	(SPR00083216) FR: No accelerator keys in KCS dialogs.
KCS Capture Connector	5	(SPR00083298) FR: KCS-KCC (TCSRv) doesn't support Capture SecurityBoost.

KCS 7.89.06		
Component	Rank	(SPR ID) Headline
FoIPv3	2	(SPR00070543) SIP calls via state-less proxy may fail if no local-ip is configured
KCS Capture Connector	2	(SPR00083263) ArgumentOutOfRangeException if "Export to KCS" option is disabled.
TC/LINK-RS	3	(SPR00069381) default release working folder does not exist for sharepoint release connector
KCS Capture Connector	3	(SPR00083267) KCS-KC Export Connector title bar control not consistent with other Capture Export Connectors.
KCS Capture Connector	4	(SPR00082905) FR: Move the fields KcsOriginatorService and KcsOriginatorNumber to the list of Basic KCS Field Mapping
KCS Capture Connector	4	(SPR00082906) FR: If there are no {Kcs...} index fields the administrator has to remove all mappings manually
KCS Capture Connector	4	(SPR00082907) FR: It is not possible to enter the (optional) Name of the Export connector

KCS 7.89.07		
Component	Rank	(SPR ID) Headline
TC/Report Fetch	2	(SPR00070461) Fetchagent does not recover from a database login error
Monitoring	4	(SPR00066247) FR: changing a KPI should be possible with only one entry in the webservice call and not all entries.
TC/LINK-MX7	4	(SPR00068979) FR: TC/LINK-MX7 should support a connection to Microsoft's Exchange Online Services
Monitoring	4	(SPR00070313) FR: Monitoring WS API - Add webservice call to check role of a user for an application server or for a single application

KCS 7.89.08		
Component	Rank	(SPR ID) Headline
TCOSS	1	(SPR00069268) Connection to UAS TCTI channel does not work anylonger
TC/LINK	1	(SPR00070187) PCL files containing strings like "Katalograbatt 20%!" fail to convert with Lincoln converter
TC/LINK-SM	1	(SPR00070535) Crash in TC/LINK-SM when sending to a nonexisting MailServer
TC/LINK-SM	1	(SPR00070832) Parameter "boundary" for non-multipart content causing troubles

WConfig	1	(SPR00070897) Updating a configuration from KCS 9.0 leads t a fatal error in WCONFIG
Easy Config Tool	1	(SPR00070939) Adaptive options lists (comboboxes) do not work properly
Easy Config Tool	1	(SPR00070947) Wrong behaviour when modifying number conversion table entries
WConfig	2	(SPR00069935) "Type of connection" setting is missing from WCONFIG
TC/LINK-SM	2	(SPR00070778) Error: TCMIME\AttachmentFilter isn't rejecting Content-Type PLAIN/TEXT
TWS	2	(SPR00070881) TWS returns empty text blocks when TCI selected
Easy Config Tool	2	(SPR00070883) FOIP entry still in \TOPCALL\BOOT\startup after delete FoIP and deploy all
Easy Config Tool	2	(SPR00070885) KCSBackup can't start after change the Instance name
Easy Config Tool	2	(SPR00070891) EasyConfig tool asks for credentials during deploy, even if only LINK config should be deployed
Easy Config Tool	2	(SPR00070893) Integrity check of TCDCLINK fails because of changed registry value, although it was not changed
Easy Config Tool	2	(SPR00070910) If a user has no password, deploy does not work
Easy Config Tool	2	(SPR00070912) Add, Clone and Delete actions should be greyed out for a couple of selected items
Easy Config Tool	2	(SPR00070942) After configuration is deployed, the warning in the status bar is still visible
Easy Config Tool	2	(SPR00070944) Delete button in status bar behaviour
Easy Config Tool	2	(SPR00070946) Tooltip in number conversion table is missing
Easy Config Tool	2	(SPR00070957) ignored extensions are empty
Easy Config Tool	2	(SPR00070964) It is not possible to define more than one character for the channel group
TWS	2	(SPR00082908) In case a fax is sent no Fax number will be in the field originator address number
KCS Capture Connector	2	(SPR00083195) Faxes cannot be retrieved if "Original message content (no conversion)" is selected.
KCS Capture Connector	2	(SPR00083398) Message retrieval not complete if "Batch size" greater than 1 and TCSRVR service restarted.
TC/LINK-SM	3	(SPR00070242) Sometimes the converion of filenames is wrong
KCS Capture Connector	3	(SPR00070890) The default server URL is https://localhost:25082 but during TWS installation the default is http
KCS Capture Connector	3	(SPR00070892) Wrong error message if TWS Userid and password is missing
Easy Config Tool	3	(SPR00070899) Clone "KCS Configuration" leads to an application crash
Easy Config Tool	3	(SPR00070916) logon to KCS with pressing Enter
TC/LINK-MX7	3	(SPR00083899) TCLSM.DLL CheckDomain Trace entry is wrong

KCS 7.89.09		
Component	Rank	(SPR ID) Headline
Monitoring	1	(SPR00070316) KCSWMIPProvider returns wrong value
Easy Config Tool	1	(SPR00071030) using "STRG + A " destroys the current configuration
LSD2	1	(SPR00071050) cannot install/update system image: could not retrieve flash informations
TC/Web	2	(SPR00066174) From space will be create a wrong recipient if use the new recipient selector (with grid)
KCS/Backup	2	(SPR00069153) No eventlog entry is generated when license is missing
TC/Web	2	(SPR00069186) edit a recipient containing a "/" leads to an application error

TC/Web	2	(SPR00069742) necessary registry keys for send confirmation are not created automatically
TCWeb Install Manual	2	(SPR00069743) send confirmation feature not documented
TC/Web	2	(SPR00069751) "send confirmation" button availability on messages with different states
KCS Capture Connector	2	(SPR00070627) KCS Export may fail with SoapException: no PDF printer
TWS	2	(SPR00070887) tws error with windows 2008 R2 - DcomConfigSettings failed
Easy Config Tool	2	(SPR00070895) EC config does not support IPV6 addresses
Setup	2	(SPR00070901) A package created with seup /C makes problems
Easy Config Tool	2	(SPR00070903) EC: maximum short-term achive entries with value "olderthan" needs an input field
Easy Config Tool	2	(SPR00070909) Is cost center table format really needed for configuration?
Easy Config Tool	2	(SPR00070921) Wrong IP Adress info in FoIP node Table
KCS/Backup	2	(SPR00070953) Restore to another server: TCLinkSM/OC and Domain Name is wrong
KCS/Backup	2	(SPR00070955) Restore to another computer: add additional fields with KCS user and password
Easy Config Tool	2	(SPR00070963) FI and SC LINK- Windows user logon type setting should be done via drop down list
Easy Config Tool	2	(SPR00071032) Error message not user friendly in EC when trying to deploy config with wrong credentials
TC/LINK-CCD	3	(SPR00068489) The Description ao TC/LINK-CCD contains Link to Ascent Capture
RLA	3	(SPR00069079) Rebranding: "Topcall" in RLA Tool found
KCS/Backup	3	(SPR00069231) wrong windowtitle in Notifications /edit recipients
TWS	3	(SPR00069270) Recieve... functions when called without parameter poll every user queue
TWS	3	(SPR00069283) System.Web.Services.Protocols.SoapException: Conversion of *.pdf to PDF is not supported
TWS	3	(SPR00069318) The User ID Description in the TWS Configuration Utility is not correct
TCWeb Install Manual	3	(SPR00069668) missing info about broadcast pin availability in TC/WEB Manual
FoIPv3	3	(SPR00070469) FoIPv3 does not currently handle outgoing SIP calls to multicast addresses
Easy Config Tool	3	(SPR00070902) EC: entries for TC/MA are too sophisticated
Easy Config Tool	3	(SPR00070905) text not formatted as expected
Easy Config Tool	3	(SPR00070906) Inconsistency between documentation and configuration of mail header custom fields
Easy Config Tool	3	(SPR00070913) there is no value check for queue monitoring check cycle in seconds
WConfig	3	(SPR00070924) Obsolete config options should be removed from WCONFIG
KCS Capture Connector	3	(SPR00071021) The filed KcsConnectorCaptureFileNames field is filled with incorrect data
Easy Config Tool	3	(SPR00071059) The field lenght of labels in EC should be limited (e.g. to 50 chars).Otherwise the right panel cannot be used anymore
Easy Config Tool	3	(SPR00071101) EC: some of the field descriptions are too long (cut-off)
CaptureConnector Manual	3	(SPR00071284) Manual should be more clear on registry keys
KCS Capture Connector	3	(SPR00083283) KCS-KC does not support linked users.
TC/Web	4	(SPR00069622) FR:Send Confirmation with TC/Web

TCOSS	4	(SPR00070052) FR: Outbound ISDN SETUP only transmits up to 20 characters, should support more
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KCS 7.89.10		
Component	Rank	(SPR ID) Headline
Setup	1	(SPR00070501) KCS Monitoring cannot be installed on an W2K8 R2
TC/FoIP	1	(SPR00070517) Bluescreens in KCS Foip XCAPI driver
Easy Config Tool	1	(SPR00070956) Exception when deploying a configuration with Node L.10
Easy Config Tool	1	(SPR00071115) EC: Unsupported LS1 node configurations must be prohibited
Easy Config Tool	1	(SPR00071146) the ascending order of the channel number is not clear
Setup	2	(SPR00055932) TCRT\EnginePath not used during update
TC/Web	2	(SPR00065812) Filter within TC/Web not working if upgrading from "TC/Web 7.66.01" to KCS 8.2
Monitoring	2	(SPR00068924) Remove installation initiated via control panel does not ask to remove all files
TC/Web	2	(SPR00069139) admin user can see the job of another user but not the sendorder
Easy Config Tool	2	(SPR00070948) missing tool tips for mail header custom fields
Easy Config Tool	2	(SPR00070949) The channel count display in channel group tree is confusing
Easy Config Tool	2	(SPR00070959) It must not be possible to delete a whole configuration tree from the configuration window
Easy Config Tool	2	(SPR00071025) delete key behavior leads to an error
Easy Config Tool	2	(SPR00071033) not editable fields should be greyed out
Easy Config Tool	2	(SPR00071067) Add new Node (FoIP or LS1): possible to use same IP address
Easy Config Tool	2	(SPR00071087) After you use "collapse all" and then "expand all" on the left tree view, you cannot see the LINK settings in the right panel
Easy Config Tool	2	(SPR00071092) on integrity check, cancel cannot be used
Easy Config Tool	2	(SPR00071116) Errorcode 301 on tcft.exe execution if 1 or more channels are deleted
Easy Config Tool	2	(SPR00071125) EC: The "undo" button works only in the first row of an inline table
Easy Config Tool	2	(SPR00071126) no scroll bar in "Views/all used channels"
Easy Config Tool	2	(SPR00071131) add 30 channels via Multiple Add from OX leads to an error
Easy Config Tool	2	(SPR00071141) Initial install should contain visible TCTECH user with active address
Easy Config Tool	2	(SPR00071148) delete KCS configuration using the delete button leads to "Error on DeleteCmd_Executed"
KCS Capture Connector	2	(SPR00071154) Manipulating documents in KCS Capture Connector 9.1 and KCIC-AEF KC-Plugin scripting does not work properly
Easy Config Tool	2	(SPR00071159) Remove permanently checkbox has no effect
Easy Config Tool	2	(SPR00071161) maximum entry age or maximum message age stores wrong values in the config
Easy Config Tool	2	(SPR00071172) The last deployed configuration directory does not always contain TCOSS configuration files
Easy Config Tool	2	(SPR00071186) A disaster recovery from KCSBackup is impossible due to wrong setting in ecConfig.xml
Easy Config Tool	2	(SPR00071187) Restore of local EC not possible when KCSBackup process is not running

DocConv Manual	2	(SPR00082904) Error Code description for .pcl files is missing
Monitoring	3	(SPR00069029) If the license server is restarted I get "no valid license"
TC/Web	3	(SPR00069134) If I change the cover of a problem job, the settings are not saved
TC/Web	3	(SPR00069136) If I change the latest delivery time of a problem job, the settings are not taken
TC/Web	3	(SPR00069224) Display error with Firefox in Voice Settings/Timeslot if greetingname contains a spacecharacter
IPPrint	3	(SPR00069233) Info text missing when changing settings in IP Printer
TCLINKSM Manual	3	(SPR00069664) wrong example about SMIPList in the link-sm manual
Setup	3	(SPR00070945) FR: "KCS VRS Wizard" desktop shortcut should be removed from easy setup or put into the "Programs ->..." list
TCPerfLog Manual	3	(SPR00071004) The configuration file "Counters.TXT" must not contain empty lines
Easy Config Tool	3	(SPR00071028) User defined label of document converter can't be changed
Easy Config Tool	3	(SPR00071047) EC config "save changes" behaviour
Easy Config Tool	3	(SPR00071057) FR: In EC "Restrict Sending to KCS Users" should also set "UseShadowUser"
Easy Config Tool	3	(SPR00071071) Unnecessary items in drop down list of channel type within EC
Easy Config Tool	3	(SPR00071081) EasyConfig tool naming not consistent
Easy Config Tool	3	(SPR00071082) Unnecessary greyed out drop down arrow in EC
Setup	3	(SPR00071088) The Link Package Setup contains Topcall as default for the Name of (primary) KCS
Easy Config Tool	3	(SPR00071091) no logon user id needed for no changes
FoIPv3	3	(SPR00071152) Inbound SIP call may hang about 11minutes if ACK for INVITE message is missing
KCS Capture Connector	3	(SPR00071155) Adding folder field values from scripting in KCS Capture Connector 9.1 and KCIC-AEF does not work
Easy Config Tool	3	(SPR00071157) there is no input check for limit short-term archive entries or messages
Easy Config Tool	3	(SPR00071162) remove permanently should be shown on demand
Monitoring	4	(SPR00068542) FR: monitoring config tool: the license server changes should be saved without database access
Monitoring	4	(SPR00069056) Wrong status of all message servers when stopping the monitoring license server
Easy Config Tool	4	(SPR00070917) If the link reads the TCOSS codepage, I can omit this config option
Easy Config Tool	4	(SPR00071142) FR: Command line parameter for the configuration directory and suppression of the update
KCS Capture Connector	4	(SPR00083125) FR: Add Online Help for KCS Capture Connector.
FoIPv3	4	(SPR00064568) FR: FoIPv3 should support NAT Traversal

KCS 7.89.12		
Component	Rank	(SPR ID) Headline
TC/VoiceLink	1	(SPR00070159) Fault redundant Voicemail do not work properly
Easy Config Tool	2	(SPR00070919) Integrity Check behavior
Easy Config Tool	2	(SPR00071044) no logical check if more than maximum allowed channels are configured
Easy Config Tool	2	(SPR00071079) Switching from KCSNotes to a layer below, the area on the right side is empty

Easy Config Tool	2	(SPR00071084) EC config requires to restart TCOSS if only the password of the LS1 have been changed
Easy Config Tool	2	(SPR00071095) integrity check does not recognize installed tcdclink
Easy Config Tool	2	(SPR00071175) Integrity Check: revert does not work
Easy Config Tool	2	(SPR00071251) Errorcode 999 on tcft.exe execution on integrity check
Easy Config Tool	2	(SPR00071261) During deploy of unsupported node L.177 an exception occurs
Easy Config Tool	2	(SPR00071262) The EasyConfig.log log file is not created on Windows 2008 servers
TC/VoiceLink2	2	(SPR00071343) Mailbox detection doesn't work anymore
Easy Config Tool	3	(SPR00071073) If I add a new UC0 channel in EC, the label field is not prefilled, although it is visible when I delete it afterwards
Easy Config Tool	3	(SPR00071191) Clone a LS1 Node: Validation error - Field TCOSS_ChannelNumber must be unique
Easy Config Tool	3	(SPR00071263) FR: The location of the EasyConfig. Log should be in the trace directory not in the application directory
Easy Config Tool	4	(SPR00071153) FR: add multiple: cannot select/configure channel group

KCS 7.90.00		
Component	Rank	(SPR ID) Headline
TCOSS	1	(SPR00069629) Issue with sending long faxes to far away destination(s)
Easy Config Tool	1	(SPR00071209) TCOSS still not updated after package update and "deploy all" with KCS configuration explorer
TCOSS	1	(SPR00071229) DSP1 until DSP3 of a TC16 cannot be booted anymore
Easy Config Tool	1	(SPR00071354) Server cannot be added
TC/Web	2	(SPR00066053) Autotimezone for TC/Web checks wrong registry key
TCWeb User Manual	2	(SPR00069773) 'send confirmation' button also available in Archive (received messages from inbox)
TCOSS	2	(SPR00069802) Inbound fax Errors XY due to short interruptions on the line
WConfig	2	(SPR00071240) After installing the configuration a least 2 times, the installtion history file AHISTORY is corrupted
FoIPv3	2	(SPR00071362) Echo of own CNG leads to JX error
TCLINKSM Manual	3	(SPR00069832) outdated information in link-sm manual
Manual	3	(SPR00069858) SMSendSecure and SMRcvSecure not shown in HTML Documentation
Platform Manual	3	(SPR00070177) Doc. Error: RPC service default ports for TC/Dialer and Player
Easy Config Tool	3	(SPR00071099) RejectedExtensions has ... as data in the registry
Easy Config Tool	3	(SPR00071143) IP Address in FoIP Call Peer Settings should not be 0.0.0.0 per default
Easy Config Tool	3	(SPR00071244) mandatory fields must be marked special and must not be allowed to be saved without content
CaptureConnector Manual	3	(SPR00071283) KCC user needs additional rights not described in manual
Monitoring Tech Manual	3	(SPR00071301) SQL Server Requirement not mentioned in MonitoringTechManual
FoIPv3	3	(SPR00071356) Sending an empty document leads to an inaccurate error message
Easy Config Tool	3	(SPR00071369) tcoss file structure pop up window: window title missing
Monitoring	3	(SPR00071372) unclear error message, that the password is not complex enough
Easy Config Tool	3	(SPR00071382) It's possible select the disabled item of combobox

Easy Config Tool	3	(SPR00071383) Not correct work the enablecheck for ComboBox Items (e.g. ISDN Protocol)
TC/VoiceLink2	3	(SPR00071408) Wrong default error code handling in the err2Break.xml file
CaptureConnector Manual	3	(SPR00083117) KCS KC Connector service should default to Automatic or user should be prompted to start it.
Easy Config Tool	4	(SPR00071119) FR: It should not be possible to start EC more than once on a PC

KCS 7.90.01		
Component	Rank	(SPR ID) Headline
TCDCLINK	1	(SPR00071477) Euro Character missing with PostScript conversion
CS1	1	(SPR00071492) Stopping a running LS1 with TCOSS connection doesn't work with LSD Tool
TC/Web	2	(SPR00070240) Playing recorded Voice greetings via TC/WEB gives only silence
TC/Web	2	(SPR00070561) Different behavior between TC/Web and TCfW for User-IDs containing a separator
Monitoring Tech Manual	2	(SPR00071190) wmi provider user depends on configuration
TC/VoiceLink2	2	(SPR00071344) Improper error code handling in the case of call hangup or LS1/FoIP node reboot during VL2 call
Easy Config Tool	2	(SPR00071406) Application error in WCONFIG function "Get Configuration" with specific EasyConfig KCS system
Easy Config Tool	2	(SPR00071422) Configuration with 30 FoIP channels on L.176 cannot be deployed
TC/Web	2	(SPR00071437) Registry "EnginePath" missing in \TCWEB\TCRT\ after update from TC/WEB 5.00.45
TC/Web	2	(SPR00071438) after update TC/WEB playing a greeting via phone does not work
Easy Config Tool	2	(SPR00071499) PS conversion does not work with linkfi installed via easyconfig
TC/VoiceLink2	3	(SPR00056169) Connection loss not detected by VoiceLink2
TCOSS Config Manual	3	(SPR00069360) Documentation about how to copy a TCOSS file structure with TCDISK is missing
Server Manual	3	(SPR00071066) It should be documented in the EC manual, that EasySetup is not supported on a PC, where KC is installed
Easy Config Tool	3	(SPR00071267) The channel count for creation of multiple FoIP channels is 32 instead of 30
Easy Config Tool	3	(SPR00071419) logical order of user id, domain and password is wrong for tcdclink
TCOSS Config Manual	3	(SPR00071421) Documentation for number conversion table is not consistent
Easy Config Tool	3	(SPR00071443) The information about the channel group characters is missing in "All used channels "
TCLINKMX7 Manual	3	(SPR00071468) some registry keys are not shown in one doc
CS1	3	(SPR00071503) after the LS1V1 image update no connection could be made with tcpMeter to a LS1V1
TC/LINK-FI	4	(SPR00071012) FR: Shadow user recognition required for Messages sent via TC/LINK-FI (Xerox XST Format)

KCS 7.90.02		
Component	Rank	(SPR ID) Headline
Setup	2	(SPR00071434) KCS Setup fails to start when setup dir is read only
Model350 Manual	2	(SPR00071470) Old information in Model350 manual.
TCLINKMFP Manual	3	(SPR00071500) the link in the manual to the Vrs Wizard is not correct
Platform Manual	4	(SPR00070150) FR: JATE certification for Japan

KCS 7.90.03		
Component	Rank	(SPR ID) Headline
Easy Config Tool	1	(SPR00071670) delete a fax channel group destroy the configuration
Setup	2	(SPR00071583) Setup cannot find UFSSMAK.TXT - so Lincoln Converter with Japanese characters may fail
KCS/Backup	2	(SPR00071634) backup of FoIPV3 config files failed, KCSBackup does not search in Regkey \topcall\KCSsetup\
TC/VoiceLink2	2	(SPR00071659) Fatal error on error2breakfile
Easy Config Tool	2	(SPR00071662) KCS EasyConfig Integrity Check returns wrong results for XML boolean values set to void
TCLINKRS Manual	2	(SPR00071667) TCReleaseConfig.exe may crash on a 64bit computer
Easy Config Tool	2	(SPR00071672) Last FoIP node configuration overwrites prior SolutionConfig.xml file and causes integrity check to fail
Easy Config Tool	2	(SPR00071673) Modem and Binary trace drop down menu empty if type of first channel type is ISDN Fax(IF)
Easy Config Tool	2	(SPR00071697) Easy Config online help not up to date

KCS 7.90.04		
Component	Rank	(SPR ID) Headline
KCS/Backup	1	(SPR00071799) recover TCOSS file structure settings failed
Easy Config Tool	2	(SPR00071813) it is possible to add and deploy more than 2 PTMP channel per line - TCOSS can't boot LS1 node anymore
Easy Config Tool	2	(SPR00071839) enter a letter or a special character leads to a crash
TC/LINK-SJ	2	(SPR00071920) TC/Link-SJ setup crashes if box "ScanJet API Directory input directory" left empty
TCWeb Install Manual	3	(SPR00056090) the trace fields are not split as configured
KCS/Backup	3	(SPR00071007) No event log entry is generated when KCSBackup process is started

Modules Overview

5.1 Software Modules

Module	Release	Changed
Advantys ASPSmartUpload (aspsmart-aspsmartupload)	3.00.00	No
Attachment to URL Conversion (at2url)	1.05.01	No
BAPI to XML Tool (mkbapixml)	1.00.03	No
BCPlatform	.	No
Belus Xzip (belus-xzip)	2.05.00	No
Binary Trace Converter Tool (btrconv)	1.03.05	No
branchbox	.	No
Caprock Dictionary Component (caprockdct)	1.07.00	No
Client Server Interface (TCSI)	2.69.03	No
COM Registration Tool (tcregsvr)	1.00.04	No
COM Server for TCOSS Instances Information (TCINST)	1.00.05	No
Crystal Reports 10 Runtime (crystalreportsrdc)	1.01.00	No
Custom panel for KC - KCS Notification on batch delete (KcNotification)	1.00.07	Yes
Datalogics Library for Adobe PDF (datalogics)	9.00.01	No
Dependency Generator Tool (tcgndep)	1.01.03	No
Disk Test Utility (TcDiskTest)	1.01.00	No
Disk Utility (tcdisk)	7.10.08	Yes
EasyConfig for KCS - Config Application (EC)	1.00.33	Yes
EasyConfig for KCS - Documentation Generator (ECDoc)	1.00.00	New with KCS 9.1
EasyConfig for KCS - XML Configuration Data Model (Data)	1.00.31	Yes
Enhanced BAPI to XML Tool (mkbapixml2)	1.00.03	No
Error Messages (tcmsg)	1.06.31	Yes
ex55	2.13.02	No
exitson	1.00.01	No
exlib	1.00.01	No
Expat XML Parser (Expat)	1.95.08	No
Fault Tolerant Voice Tool (fail_over_setup)	1.01.00	No
Fax Viewing and Printing Component (tcview32)	4.03.01	No
File Copy Tool (ctc)	7.27.00	No
File Voice Engine (tce_file)	2.01.01	No
FoIP Component (FoIP)	3.12.06	Yes
Host Voice Engine (tce_host)	2.00.10	No
HW System Manuals (sys_man)	.	No
Image IO Library (tcimgio)	2.27.05	No
Intelligent Network Component for Exchange-specific email tasks (TNC_Tnef)	3.00.05	No
KCS Backup and Restore Tool (KCSBackup)	2.01.08	Yes
KCS File Transfer Tool (tcft)	1.03.04	Yes
KCS Foundation Classes (tfc)	1.14.03	No
KCS IP Printer (IpPrinter)	2.09.04	Yes
KCS Message Release Manager (tcrelagt)	1.03.00	No
KCS MetaMail (metamail)	1.01.01	No
KCS MFPCConnect (mfpcconnect)	2.05.00	No
KCS Monitoring Setup (Monitoring-Setup)	1.01.08	Yes
KCS Open Message Format (Tom)	2.25.00	Yes

Module	Release	Changed
KCS Printer Device Drivers (tcpdd)	3.03.16	No
KCS Probe Agent (tcprobe)	1.00.14	No
KCS Service (tcsrv)	8.00.06	No
KIC AEF Kofax Capture Plugin (AEF_KcPlugin)	2.00.36	New with KCS 9.1
Kofax CAPTools (capttools)	5.00.07	No
Kofax Communication Server - Advanced Email Capture (EmailConnect)	1.02.01	No
Kofax Communication Server Common and Setup (kcs-common)	7.90.03	Yes
Language API (tclngapi)	1.00.00	No
Language File Tool (tclng)	1.05.07	No
Language File Translation Tools (tctrans)	1.03.02	No
LDAP Dirsync for Active Directory (tclad)	1.00.13	No
LDAP Dirsync for Sun/iPlanet/Netscape Directory Server (tclpd)	2.11.00	No
LDIF Dirsync (tcldif)	1.00.02	No
LibWWW Access Library (libwww)	5.04.00	No
License Tool (tclt)	2.03.06	No
Lincoln Converter (lincoln)	6320000a	Yes
Line Server Application Image Template (app_img_tmpl)	2.06.02	No
Line Server Diagnostic Tool (lsd2)	2.05.11	No
Line Server TC18 Application Image Template (app_img_tmpl18)	3.03.05	Yes
Line Server TC18 DSP Test Program (tt06-dsp)	1.05.02	No
Line Server TC18 Ethernet Config (ethtool)	1.00.00	No
Line Server TC18 FPGA (tc18-fpga)	1.02.00	No
Line Server TC18 FPGA Loader (fpgaloader)	1.05.04	No
Line Server TC18 PPC Test Program (tt06-ppc)	1.02.05	No
Line Server TC18 System Image (linux-kernel-tc18)	2.03.00	Yes
Line Server Test Program 05 (tt05)	1.01.01	No
Link Document Converter (Tcdc32)	2.16.01	Yes
Link Document Converter File Recognition (Tcdc32-Filerecognition)	finalrelease	No
Link Setup Tool (LinkSetupTool)	1.00.03	No
Linux Kernel (linux-kernel)	1.13.01	No
Login Component (tclogin)	4.03.00	No
LogWinEvent	1.00.00	No
Lotus Notes Runtime (notes)	4.06.02	No
LS1 Main Program (cs1)	2.05.08	Yes
LS1 Trace Tool (ls1trace)	1.02.01	No
LS1 Voice Engine (tce_ls1)	1.03.05	Yes
Make Loadertable Tool (mkloadertab)	7.90.01	Yes
Mapfile for TC/LINK-SC7 (sc7)	1.00.04	No
Message Analyser (tcma)	1.01.00	No
Message Wait Agent for Lotus Notes (tcmwaln)	2.02.00	No
Message Wait Agent for Microsoft Exchange (tcmwamx)	1.02.04	No
Microsoft Data Access Objects (microsoft_ado)	2.08.00	No
Microsoft MSXML (msxml)	4_20_9818_0	No
Microsoft SAPI 4 (tts-sapi_40)	4.00.00	No
Microsoft Script Control (msscript)	5.00.01	No
Microsoft Shared Files (mscomdls)	1.00.01	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 Visual Studio 6 Runtime (msvc6redist)	6_s.p5	No

Module	Release	Changed
Netscape Runtime (netscape)	1.00.00	No
Novell Groupwise (groupwise)	1.00.00	No
OpenSSL Library (openssl)	0.09.08m	No
OpenVXI VoiceXML Interpreter (OpenVXI)	3.00.07	No
PBX Integration (pabx)	1.01.01	No
Performance Counter Logging Service (TcPerfLog)	1.01.04	No
Persists AspEmail (persists-aspemail)	5.00.00	No
Printer Driver Installation Utility (PrinterInstall)	3.03.07	No
Registry Rename Tool (tcrenreg)	1.00.00	No
Release Module for KCS - KC Integration (KcRelease)	2.00.04	Yes
Remote LineServer Administration (RLA)	1.02.07	Yes
Remote TOS Tools (remtos)	7.38.00	No
Remote Voice Engine (tce_rem)	2.03.11	No
Resource Voice Engine (tce_res)	2.09.19	No
Rich Text Printing (tcrichtext)	1.03.02	No
Server Extensions (tcsx)	7.28.02	No
Sleep COM Server (tcsleep)	1.00.01	No
SNMP Files (snmp_files)	1.03.04	No
Sound Voice Engine (tce_snd)	2.00.28	No
SPI for Lotus Notes (tcspiln)	1.03.03	No
SPI for Microsoft Exchange (tcspimx)	1.05.00	No
SPI for Novell Groupwise (tcspigw)	1.04.04	No
SpiderMonkey Library (SpiderMonkey)	1.05.00	No
Standalone Document Converter Setup (TcdcSetup)	1.01.01	Yes
Status Agent (tcstatus)	1.10.00	No
TC Model 304 (model304)	.	No
TC Model 350 (model350)	.	No
TC Monitor (tcmon)	71307ps-airbus	Yes
TC Open Server Software (tcoss)	7.90.01	Yes
TC Report WMI (tcreportwmi)	1.00.02	No
TC/Archive (tcarch)	2.20.02	No
TC/Backup Zip Library (zip)	1.78.00	No
TC/CAPIFax (tccapifx)	1.07.04	No
TC/CCD Batch Collector (TCBatchCollector)	1.04.05	No
TC/CCD Config (TCCCDConfig)	1.04.00	No
TC/CCD CustomPanel (tccustompanel)	1.01.00	No
TC/CCD KofaxNotif (tckofaxnotif)	1.02.00	No
TC/CCD ReleaseScript (TCReleaseScript)	1.08.00	No
TC/ConvertDLs (tcconvertedls)	1.00.03	No
TC/ConvertDLsPrep (tcconvertedlsprep)	1.00.01	No
TC/CPUNr (tccpunr)	1.07.05	No
TC/DeleteDLs (tcdeletedls)	1.00.00	No
TC/DistMF (tcdistmf)	1.01.31	No
TC/DownloadFile (tcdownloadfile)	1.00.01	No
TC/ECP (tcecp)	3.02.00	No
TC/ECP Testinstnace (testecp)	2.00.02	No
TC/Engine (TcEngine)	2.03.00	No
TC/FilBrk (tcfilbrk)	7.11.00	No
TC/IPC (tcipc)	1.00.06	No
TC/LANPrt (tclanprt)	7.11.15	No
TC/Lib (tclib)	7.23.04	No

Module	Release	Changed
TC/LINK (tclink)	2.24.10	Yes
TC/LINK-FI (fi)	2.25.01	Yes
TC/LINK-GW (gw)	2.00.05	No
TC/LINK-LN (ln)	2.16.06	No
TC/LINK-MFP (mfp)	1.06.00	No
TC/LINK-MQ (mq)	2.22.01	Yes
TC/LINK-MQ File2Mq (mq-examples-file2mq)	2.34.01	No
TC/LINK-MQ Mq2File (mq-examples-mq2file)	2.34.00	No
TC/LINK-MX (tclinkmx)	2.13.05	No
TC/LINK-MX Install Template (mx-insttemplate)	1.00.01	No
TC/LINK-MX7 (mx7)	1.01.06	No
TC/LINK-RS (tclinkrs)	1.01.00	No
TC/LINK-RS Configuration (tcreleaseconfig)	1.02.00	No
TC/LINK-RS Controler (tcreleasectrl)	1.01.00	No
TC/LINK-RS Controler Samples (tcreleasesamples)	1.00.04	No
TC/LINK-RS Test Client (releasetestclient)	1.01.00	No
TC/LINK-SC (sc)	2.04.01	No
TC/LINK-SC Addon (scaddon)	2.00.00	No
TC/LINK-SDD (sdd)	1.00.00	No
TC/LINK-SI (si)	1.00.11	No
TC/LINK-SI Batch Execution (tclsi_batch)	1.00.04	No
TC/LINK-SI Sample Files (si_samples)	1.00.04	No
TC/LINK-SJ (sj)	2.09.02	No
TC/LINK-SM (sm)	2.06.13	Yes
TC/LINK-WM and TC/LINK-MD (md)	2.21.01	No
TC/LINK-X4 (x4)	1.13.05	No
TC/MIME (mime)	2.09.04	Yes
TC/Net (tcnet)	3.05.00	No
TC/NetworkHelper (tcnetworkhelper)	1.01.02	No
TC/PreProcess (tcprep)	1.03.04	No
TC/Probe Setup (tcprobesetup)	1.00.17	No
TC/Probe TCMC Panel (tcprobetcmc)	1.01.02	No
TC/Pwd (tcpwd)	1.00.01	No
TC/Report (tcreport)	2.14.06	Yes
TC/Report Component (RPT)	2.12.03	No
TC/Report Setup (tcrepsetup)	2.13.06	No
TC/Report TCMC Panel (tcreptcmc)	2.13.05	No
TC/Report VBPerf (vbperf)	2.04.00	No
TC/Resolve (tcreolve)	1.11.09	No
TC/Route (tcroute)	1.01.01	No
TC/RPC (tcrpc)	7.10.06	No
TC/RT (tcrtr)	2.08.00	No
TC/RTF (tcrtf)	1.02.01	No
TC/Setup (tcsetup)	2.26.09	Yes
TC/Setup Script Editor (tcstpedt)	2.14.01	No
TC/SNMP (tcsnmp)	1.03.00	No
TC/SNMP Config (snmp_config)	1.00.04	No
TC/SNMP HP OpenView Tools (hpovtools)	1.00.03	No
TC/SNMP Tivoli NV Tools (tivolinvttools)	1.00.03	No
TC/SNMP Trap Tools (traptools)	1.00.00	No
TC/SOAP (tcsoap)	1.05.05	No

Module	Release	Changed
TC/SOAP Messages (tcsoapmsg)	1.03.04	No
TC/SOAP Processing (soapproc)	1.05.02	No
TC/Tool (tctool)	1.00.00	No
TC/UAS (tcuas)	7.09.03	No
TC/VoiceLink Agent Transform (tcvlatransform)	1.01.14	Yes
TC/VoiceLink2 (tcvlink2)	10203-ISA	No
TC/VoiceLink2 Log (tcv12log)	1.02.02	No
TC/VoiceLink2 Response (TCVL2Response)	1.00.00	No
TC/VoiceLink2 TCOSS Poller (tcv12polltcoss)	1.02.11	Yes
TC/VoiceXML VXIClient (TCVXIClient)	1.01.11	Yes
TC/VoiceXML VXIObject (TCVXIObject)	1.01.01	No
TC/VoiceXML VXIPrompt (TCVXIPrompt)	1.00.07	Yes
TC/VoiceXML VXIRec (TCVXIrec)	1.00.10	No
TC/VoiceXML VXITel (TCVXITel)	1.00.00	No
TC/VP2G (TCVP2G)	1.01.00	No
TC/VRedirect (TCVRedirect)	1.01.04	No
TC/Vscheduler (TCVScheduler)	1.01.02	No
TC/Web .Net (TCWeb.Net)	5.01.20	Yes
TC/Web IPMask Component (tcweb_tcipmask)	1.00.04	No
TC/WebAccess (tcwebac)	1.03.01	No
TC15 Configuration Tool (tc15tool)	1.05.06a	No
TC16 ECP 3.x (tc16-epld_3x)	3.4	No
TC16 EPLD (tc16-epld_2x)	2.5	No
TC16 HW Testprogram (tt04-tc16)	1.03.02	No
TC22 HW Testprogram (tt04-tc22)	1.03.01	No
TcDdiMon-Client	3.03.09	No
TCECP Switch Script (tcswitch)	2.00.04	No
tclaunch	3.03.03	No
TCLDAP Simulation (tcldap_s)	1.00.06	No
TCLI Converter (tcliconv)	7.26.01	No
TCLXE2K	2.13.02	No
TCMC Common (tcmc-tcpcommon)	4.05.05	No
TCMC PrefViewer (tcmc-tcpviewer)	4.04.01	No
TCMC Store (tcmc-tcstore)	4.02.01	No
tcmxsnap	1.00.07	No
TCOSS Document Converter (tcoss_tcdc-tcdc)	7.39.00	No
TCOSS for TS Hardware (tcoss_ts)	7.47.01	No
TCOSS Web Services (Tws)	2.16.19	Yes
TCOSS Web Services Code Samples (TwsSamples)	1.00.04	No
TCPMeter Eval (tcpmetereval)	2.01.01a	No
TCPMeter Tool (tcpmeter)	2.01.02	No
TCVXIMailboxDet	1.00.02	No
TE-SYSTEMS XCAPI (te-systems-xcapi)	3.31.61a	Yes
template	2.13.02	No
TFC Library (tfclib)	1.00.01	No
TP80 Hardware Library (tp80)	7.11.13	No
Transport Interface (TCTI)	2.14.01	No
Transputer Link Hardware Driver (tplink)	7.11.01	No
TTS Configuration Tool (TTSConfig)	2.10.02	No
Update TCOSS Config Tool (udconfig)	7.90.01	New with KCS 9.1
Update Tool for Lotus Notes INI (notesini)	1.00.03	No

Module	Release	Changed
User IO (usrio)	2.12.03	No
usrdde	1.08.00	No
Utility to read Active Directory schema (tcadutil)	1.00.05	No
Voice Statemachine (TCStateMachine)	2.01.06	No
Voice User Tool (TCUserTool)	1.01.00	No
VoiceAccess (TCVMail)	3.09.09	No
VoiceAccess Extension (TCVMEExt)	1.00.01	No
Voiceprompt Library (VoiceLib)	2.01.05	No
VRS Components (vrs_components)	2.01.05	Yes
VRS Test (vrstest)	1.03.06	Yes
wconfig	7.90.01	Yes
Web Services Interface Between Fax Servers and Applications (FaxWs)	1.01.00	No
Xerces-C XSLT Processor (XercesC)	2.06.00	No
XML Integration (xml)	2.14.00	No
XML to TCSI conversion Tool (xml2tc)	1.00.01	No

5.2 Manuals

Manual	Release	Changed
Advanced Email Capture Administration Guide (EmailConnect)	1.02.01 ed9	Yes
Attachment to URL Conversion Manual (tcat2url_xyyzz_man)	1.05.00 ed4	Yes
BranchBox Product Description (branchbox_xyyzz_man)	1.00.04 ed9	Yes
Client Server Interface Objects Documentation (HTML) (tcsi_xyyzz_obj)	2.69.00 ed1	Yes
Client Server Interface Reference Manual (tcsi_xyyzz_man)	2.69.00 ed1	Yes
Description of the Web Services Interface Between Fax Servers and Applications (FaxWs_xyyzz_Man)	1.01.00 ed6	Yes
EasyConfig Parameter Mapping Documentation (easyconfig_parameters)	1.00.00 ed2	New with KCS 9.1
KCS Backup Manual (KcsBackup)	2.01.00 ed1	Yes
KCS Document Conversion Technical Manual (DocConv)	2.16.00 ed2	Yes
KCS EasyConfig Manual (easyconfig)	7.90.00 ed1	New with KCS 9.1
KCS Environment Guide (Platform_man)	3.00.04 ed9	Yes
KCS Foundation Classes Reference Manual (tfc_xyyzz_manual)	1.14.00 ed5	Yes
KCS Hardware Requirements Calculator (HW-RequirementCalculator)	7.90.00 ed1	Yes
KCS IP Printer Manual (IpPrinter_man)	2.09.02 ed6	Yes
KCS MFPCConnect Addressing Sheet (mfpcconnect_addressing_sheet)	2.05.00 ed5	Yes
KCS MFPCConnect for Canon Devices Manual (mfpcconnect_canon)	2.05.00 ed7	Yes
KCS MFPCConnect for Hewlett Packard Devices Manual (mfpcconnect_hp)	2.05.00 ed7	Yes
KCS MFPCConnect for Konica Minolta Devices Manual (mfpcconnect_konicaminolta)	2.05.00 ed7	Yes
KCS MFPCConnect for Lexmark Devices Manual (mfpcconnect_lexmark)	2.05.00 ed7	Yes
KCS MFPCConnect for Ricoh Devices Manual (mfpcconnect_ricoh)	2.05.00 ed7	Yes
KCS MFPCConnect for Xerox Devices Manual (mfpcconnect_xerox)	2.05.00 ed7	Yes
KCS MFPCConnect Monitoring Guide (mfpcconnect_monitoring_guide)	2.05.00 ed5	Yes
KCS MFPCConnect Secure Email Manual (mfpcconnect_secure_email)	2.05.00 ed5	Yes
KCS Monitoring Technical Manual (MonitoringTechManual)	1.01.05 ed5	Yes
KCS Monitoring User Manual for Administration (MonitoringAdministrationUserManual)	1.01.00 ed1	Yes
KCS Monitoring User Manual for Configuration	1.01.00 ed1	Yes

(MonitoringConfigurationUserManual)		
KCS Open Message Format Technical Manual (TOM)	2.25.00 ed1	Yes
KCS Printer Device Drivers User Manual (tcpdd_man)	3.03.00 ed4	Yes
KCS Probe Agent Technical Manual (TCPROBE)	1.00.14 ed5	Yes
KCS Service User Manual (tcsrv_man)	8.00.04 ed4	Yes
KCS to Kofax Capture Connector Manual (CaptureConnector)	2.00.00 ed4	Yes
KCS VoIP / FoIP Environment Guide (IP_Integration_Guide)	3.12.00 ed3	Yes
Kofax Fax over IP Manual (foip_man)	3.12.00 ed2	Yes
LDAP Directory Synchronization Technical Manual (LDAPDSYNC_man)	1.00.12 ed5	Yes
License Tool Technical Manual (tclt_man)	2.03.00 ed5	Yes
Line Server Model 305 Manual (ls1_man)	7.90.00 ed1	Yes
Message Broadcasting Server Processes Technical Manual (tcbroadcast)	1.11.00 ed9	Yes
MetaMail Configuration Manual (metamail_configmanual_xyyzz)	1.01.02 ed7	Yes
Model 22x Technical Manual (22x_man)	7.90.00 ed1	Yes
Monitoring and Alerting via SNMP Technical Manual (SNMP_integration)	1.03.00 ed2	Yes
PBX Integration Manual (model305_pbx_integration_xyyzz)	1.01.01 ed5	Yes
PBX Requirements Technical Manual (pbx_requirements_xyyzz)	1.01.01 ed6	Yes
Performance Counter Logging Service Manual (TCPERFLOG)	1.01.00 ed5	Yes
Server Package Manual (kcs_man)	7.90.00 ed1	Yes
Server Package Release Document (kcs_rel)	7.90.00 ed1	New with KCS 9.1
SPI for Microsoft Exchange Technical Manual (TCSPIMX)	1.05.00 ed2	Yes
SPI for Novell Groupwise Technical Manual (tcspigw_xyyzz)	1.04.04 ed8	Yes
T.38 Fax over IP Trace Analysis Guide (tcfyip_trace)	7.90.00 ed1	Yes
TC Model 304 HW Documentation (model304_xyyzz_man)	1.00.01 ed6	Yes
TC Monitor User Manual (tcmon_user)	7.13.04 ed9	Yes
TC/Archive Manual (TCARCH)	2.20.02 ed5	Yes
TC/CCD Manual (TCCCD_MAN)	1.08.00 ed6	Yes
TC/FilBrk Technical Manual (tcfilbrk_xyyzz_tech)	7.11.00 ed6	Yes
TC/FoIP Technical Manual (tcfyip_tech)	7.90.00 ed1	Yes
TC/LANPrT Technical Manual (tclanprt_xyyzz_tech)	7.11.15 ed2	Yes
TC/LINK Mapfile (mapfile)	2.24.00 ed4	Yes
TC/LINK-FI Manual (TCLINKFI)	2.25.00 ed1	Yes
TC/LINK-GW Manual (tclinkgw_xyyzz_man)	2.00.03 ed6	Yes
TC/LINK-LN Manual (tclinkln_man)	2.16.00 ed2	Yes
TC/LINK-MFP Manual (TCLINKMFP_man)	1.06.00 ed3	Yes
TC/LINK-MQ Manual (TCLINKMQ)	2.22.01 ed1	Yes
TC/LINK-MX Exchange 2000 Manual (tclinkmx_exch2k_xyyzz)	2.13.05 ed7	Yes
TC/LINK-MX7 Exchange Online Integration Manual (tclinkmx7_bpos_man)	1.01.06 ed2	New with KCS 9.1
TC/LINK-MX7 Manual (tclinkmx7_man)	1.01.06 ed7	Yes
TC/LINK-RS Manual (TCLINKRS)	1.01.00 ed9	Yes
TC/LINK-RS Shortguide for Integration with Documentum RS (TCLINKRS_DOCUMENTUM)	1.01.00 ed4	Yes
TC/LINK-RS Shortguide for Integration with FileNet RS (TCLINKRS_FILENET)	1.01.00 ed4	Yes
TC/LINK-RS Shortguide for Integration with Hummingbird DM RS (TCLINKRS_HUMMINGBIRD)	1.01.00 ed4	Yes
TC/LINK-RS Shortguide for Integration with IBM ContentManager RS (TCLINKRS_CONTENTMANAGER)	1.01.00 ed4	Yes
TC/LINK-RS Shortguide for Integration with Microsoft Sharepoint (TCLINKRS_SHAREPOINT)	1.01.00 ed4	New with KCS 9.1

TC/LINK-SC Manual (linksc_man)	2.04.01 ed3	Yes
TC/LINK-SC7 Manual (TCLINKSC7)	1.00.04 ed6	Yes
TC/LINK-SDD Manual (tclinksdd_xyyzz)	1.00.03 ed8	Yes
TC/LINK-SI Batch Manual (TCLSI_BATCH)	1.00.00 ed6	Yes
TC/LINK-SI Technical Manual (TCLINKSI)	1.00.11 ed1	Yes
TC/LINK-SJ Manual (TCLINKSJ)	2.09.00 ed4	Yes
TC/LINK-SM Manual (tclinksm_man)	2.06.00 ed5	Yes
TC/LINK-WM and TC/LINK-MD Manual (TCLINKWM-MD)	2.21.00 ed2	Yes
TC/Message Release Manager Technical Manual (TCMRM_man)	1.03.00 ed4	Yes
TC/Report Technical Manual (TCREPORT_TECH)	2.14.02 ed6	Yes
TC/Report User Manual (TCREPORT_USER)	2.14.04 ed2	Yes
TC/RT Technical Manual (trct_manual)	2.08.00 ed5	Yes
TC/SNMP Technical Manual (SNMP_man)	1.03.00 ed4	Yes
TC/SOAP Manual (TCSOAP_MAN)	1.05.04 ed4	Yes
TC/VoiceLink2 User Manual (voicelink2_user)	1.02.02 ed6	Yes
TC/Web Installation Manual (tcweb_install)	5.01.09 ed9	Yes
TC/Web Performance Test Documentation (tcweb_performance)	5.01.09 ed2	Yes
TC/Web User Manual (tcweb_user)	5.01.12 ed4	Yes
TC15.EXE HW Documentation (tc15exe_xyyzz)	1.05.06 ed9	Yes
TCDC Digital Signature Technical Manual (TCDCSIGN_man)	7.39.00 ed4	Yes
TCOSS Configuration Manual (tcoss_cnf)	7.90.00 ed3	Yes
TCOSS ISDN Manual (tcoss_isdn)	7.90.00 ed1	Yes
TCOSS System Manual (tcoss_sys)	7.90.00 ed1	Yes
TCOSS TAM Manual (tcoss_tam)	7.90.00 ed1	Yes
TCOSS Web Services Technical Manual (TWS_Man)	2.16.07 ed2	Yes
TCOSS xSP Manual (tcoss_asp)	7.90.00 ed1	Yes
TCPMeter Tool Technical Manual (tcpmeter_xyyzz_man)	2.01.01 ed9	Yes
Transport Interface Configuration Manual (tcti_cfg)	2.14.00 ed2	Yes
Voice Platform Technical Manual (Voice_Platform_tech)	7.82.00 ed2	Yes
Voice User Tool Manual (TCUserTool_man)	1.01.00 ed9	Yes
Voice xSP Integration Technical Manual (voicexsp_tech)	3.02.00 ed4	Yes
VoiceAccess User Manual (TCVAccess_User)	3.09.00 ed5	Yes
VRS Wizard Manual (vrswizard_xyyzz)	1.03.05 ed4	Yes
XML Integration Message Formats Documentation (tcxml_man)	2.14.00 ed6	Yes