

ORAN SIM CE 5.2 ATI Applications RN

ORAN SIM CE 5.2 - Content

16-January-2026

Notices Copyright Notice ©

Keysight Technologies 2005 - 2026

No part of this document may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Keysight Technologies, Inc. as governed by United States and international copyright laws.

Warranty

The material contained in this document is provided "as is," and is subject to being changed, without notice, in future editions. Further, to the maximum extent permitted by applicable law, Keysight disclaims all warranties, either express or implied, with regard to this manual and any information contained herein, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. Keysight shall not be liable for errors or for incidental or consequential damages in connection with the furnishing, use, or performance of this document or of any information contained herein. Should Keysight and the user have a separate written agreement with warranty terms covering the material in this document that conflict with these terms, the warranty terms in the separate agreement shall control.

Technology Licenses

The hardware and/or software described in this document are furnished under a license and may be used or copied only in accordance with the terms of such license.

U.S. Government Rights

The Software is "commercial computer software," as defined by Federal Acquisition Regulation ("FAR") 2.101. Pursuant to FAR 12.212 and 27.405-3 and Department of Defense FAR Supplement ("DFARS") 227.7202, the U.S. government acquires commercial computer software under the same terms by which the software is customarily provided to the public. Accordingly, Keysight provides the Software to U.S. government customers under its standard commercial license, which is embodied in its End User License Agreement (EULA), a copy of which can be found at <http://www.keysight.com/find/sweula> or <https://support.ixiacom.com/supportservices/warranty-license-agreements>. The license set forth in the EULA represents the exclusive authority by which the U.S. government may use, modify, distribute, or disclose the Software. The EULA and the license set forth therein, does not require or permit, among other things, that Keysight: (1) Furnish technical information related to commercial computer software or commercial computer software documentation that is not customarily provided to the public; or (2) Relinquish to, or otherwise provide, the government rights in excess of these rights customarily provided to the public to use, modify, reproduce, release, perform, display, or disclose commercial computer software or commercial computer software documentation. No additional government requirements beyond those set forth in the EULA shall apply, except to the extent that those terms, rights, or licenses are explicitly required from all providers of commercial computer software pursuant to the FAR and the DFARS and are set forth specifically in writing elsewhere in the EULA. Key-sight shall be under no obligation to update, revise or otherwise modify the Software. With respect to any technical data as defined by FAR 2.101, pursuant to FAR 12.211 and 27.404.2 and DFARS 227.7102, the U.S. government acquires no greater than Limited Rights as defined in FAR 27.401 or DFAR 227.7103-5 (c), as applicable in any technical data. 52.227-14 (June 1987) or DFAR 252.227-7015 (b)(2) (November 1995), as applicable in any technical data.

Release Overview

Table of Contents

1. [Full Content List](#)

- [90 Applications](#)

For a complete listing of all the existing content included in this release, please refer to the '[Full Content List](#)' section.

Full Content List

All Applications (90)

Name	Type	Description
NFSv3	Mixed UDP + TCP	<p>This application simulates NFSv3 protocol. In this protocol client connects to a remote server in order to have access to data as if it were stored locally.</p> <p>Available actions: Connect, Query, Write To File</p>
FTP	TCP	<p>Available actions: Server Banner, Login, PWD, MKD, RMD, CWD, SYST, DOWNLOAD, UPLOAD, SITE, NOOP, QUIT, LIST, CustomCommand</p>
MQTT	TCP	<p>Available actions: Connect, Subscribe, Ping, Publish Message, Publish Acknowledgement, Publish Received, Publish Release, Publish Complete, Receive Publish Message, Receive Publish Acknowledgement, Receive Publish Received, Receive Publish Release, Receive Publish Complete, Unsubscribe, Disconnect</p>
MS-SQL Server	TCP	<p>This application simulates Microsoft SQL Server, which is a relational database management system developed by Microsoft.</p> <p>Available actions: Login, Set Text Size, Use Database, Query Create Table, Query Insert, Query Select, Query Drop Table</p>
Modbus	TCP	<p>This application simulates Modbus, which is a serial communication protocol developed by Modicon for use with its programmable logic controllers (PLCs). This application provides the most used Modbus functions: Read Coils, Read Discrete Inputs, Read Holding Registers, Read Input Registers, Write Single Coil, Write Single Register, Write Multiple Coils, Write Multiple Registers, Mask Write Register, Read FIFO Queue, Custom PDU Data.</p> <p>Available actions: Read Coils, Read Discrete Inputs, Read Holding Registers, Read Input Registers, Write Single Coil, Write Single Register, Write Multiple Coils, Write Multiple Registers, Mask Write Register, Read FIFO Queue, Custom PDU Data</p>

Name	Type	Description
MongoDB	TCP	<p>Contains all of the supported MongoDB actions and messages that can be emulated using Application Simulator.</p> <p>Available actions: Insert, Update, Query, Get More, Delete, Kill Cursor, Diagnostic Messages</p>
Oracle Database	TCP	<p>This application simulates Oracle Database protocol, allowing users to log in to an Oracle server, create tables, insert values, and perform data selection operations.</p> <p>Available actions: Login, Create Query, Insert Query, Select Query, Drop Query</p>
POP3	TCP	<p>POP3 (Post Office Protocol 3) is an application-layer Internet standard protocol used by email clients to retrieve email from a mail server. It uses one-way communication to download messages from the server to the user's local device and then removes them from the server.</p> <p>Available actions: Server Banner, Login, Retrieve Mail, Quit</p>
PostgreSQL	TCP	<p>This application simulates PostgreSQL, which is free and open-source relational database management system (RDBMS).</p> <p>Available actions: Authentication, Create Table Query, Insert Query, Update Query, Delete Query, Drop Query, Terminate</p>
S7comm	TCP	<p>This application S7comm (S7 Communication), which is a Siemens proprietary protocol that runs between programmable logic controllers (PLCs) of the Siemens S7-300/400 family.</p> <p>Available actions: Job Setup, Read SZL, Request Download, Download Block, Download Ended, PLC Control, Read Clock, Set Clock, Message Service, Read Var, Write Var, Get block info, List blocks</p>
SMBv2	TCP	<p>This application simulates SMBv2 protocol. In this protocol the client authenticates and connects to the server to request and download a file.</p> <p>Available actions: Setup Session, Tree Connect IPC\$ Share, Tree Connect, Write to File, Read from File, Logoff Session</p>

Name	Type	Description
SMTP	TCP	<p>Emulates an authenticated SMTP Email session</p> <p>Available actions: Server Banner, Ehlo, Auth Login, Send Mail, Quit, CustomCommand, Auth, User, Pass, Mail From, Vrfy, Rcpt To, Data, Actual Data, Helo</p>
Telnet	TCP	<p>This application simulates Telnet, which is a client/server application protocol that provides access to virtual terminals of remote systems on local area networks or the Internet.</p> <p>Available actions: Server Banner, Login, Shell_command, Logout</p>
DNS	UDP	Available actions: DNS Query
Profinet PNIO-CM	UDP	<p>Profinet PNIO-CM, or Profinet IO-Device, is a field bus that communicates over Ethernet, typically controlled by a Programmable Logic Controller (PLC). The context manager (CM) part handles context information and uses connectionless DCE/RPC as its underlying protocol.</p> <p>Available actions: Read Implicit Response, Write Response</p>
RADIUS	UDP	<p>This application simulates RADIUS protocol. The client uses the RADIUS Access protocol to authenticate to the server and the RADIUS Accounting protocol to start the user's network access.[RFC 2865][RFC 2866]</p> <p>Available actions: Access Request-Reject, Access Request-Challenge-Request-Accept, Accounting</p>
ADP	Web	Available actions: Load Main Page, Load Login Information Page, Load Employee Login Page
AWS Console	Web	Available actions: Load AWS Page, Load AWS Management Console, Sign In, Check Account Info, Check Account Billing, Check Credentials, Create New Access Key, Download Key File, Delete Key, Sign Out
AWS S3	Web	Available actions: Check Buckets Names, Create Buckets, Upload File, List Files, Copy Files, Verify Copied Files, Download Files, Delete Files And Buckets

Name	Type	Description
Adobe Reader Updates	Web	Available actions: Check For Updates, Download Updates
Airbnb	Web	Available actions: Load First Page, Specify Search Criteria, Select a Rental, View Rental Photos, View More Amenities, View Host Profile, View Second Property, View the Calendar
Baidu	Web	Available actions: Access Baidu News, Access Baidu Maps, Access Baidu Pictures, Load Main Page, Search String, Search Image, Access Baidu Passport
Baidu Maps	Web	Available actions: Load Web Page, Search a Place, Finding a route
Bilibili	Web	Available actions: Open Bilibili Website, Login, Search Video, Watch Video, Upload Video, Logout
BitTorrent	Web	Available actions: Tracker Register, Download File, Upload File
Cisco Spark	Web	Available actions: Start the Application, Click Get Started, Click Next, Click SignIn, Create a Team, Add Contact, Send Message, Send File, Initiate a Call, Hang Up Call, Exit
Commvault	Web	Available actions: Get Login Page, Login, View Drive, Create Folder, Rename Folder, Move File, Navigate To Folder, Upload File, Download File, Get Public Link, Move File To Trash, View Trash, Restore File From Trash, Empty Trash, View Public Links, Delete Public Link, Log Out
Crawling Wikipedia (Chinese)	Web	Available actions: Crawl Link 1, Crawl Link 2, Crawl Link 3, Crawl Link 4
Ctrip	Web	Available actions: Open Ctrip Website, Search For Destination, View Travel Notes, Book Hotel

Name	Type	Description
DocuSign	Web	Available actions: Load Front Page
Dreambox	Web	Available actions: Login, Open Dashboard, Check Activity Status, Add Assignment, Start Dreambox Game, Pause Dreambox Game, Quit Dreambox Game, Logout
EpixNow	Web	Available actions: Open Login Page, Login, Browse Movies, Search Movie, Play, Logout
Facebook	Web	Available actions: Get Homepage, Sign In, Open Notifications, Search Person, Add Friend, Send Message, Send Message With Attachment, Download Attachment, Go To Profile, Post In News Feed, Comment Post, Delete Comment, Like Post, Unlike Post, Sign Out
Facebook Audio	Web	Auto-generated app for Facebook Audio Available actions: Open Home Page, Login, Create Audio Room, Join Audio Room, Leave Audio Room, Logout
FacebookLive	Web	Available actions: Sign In, Start Live Stream, Sign Out
Gab	Web	Available actions: Open Home Page, Open Login Page, Login, Read News, Post News, Logout
Gaode Maps	Web	Available actions: Open Website, Search Location, Find Route
Gettr	Web	Available actions: Open Homepage, Login, Post, Browse, Logout
Gmail	Web	Available actions: Get Sign In Page, Sign In, Send Message, View Inbox, View Message, Send Message with Attachment, View Message with Attachment, Sign Out

Name	Type	Description
Google App Engine	Web	Available actions: Go to initial page, Login, Create a project, Select Java as language and start tutorial, View sample code and continue tutorial, Configure deployment and continue tutorial, Activate Google Cloud shell, Clone the sample code and continue tutorial, Test app on Cloud Shell, Preview app, Terminate the instance of the app and continue tutorial, Deploy app, Visit app in browser, View app status and finish tutorial
Google Classroom	Web	Available actions: Load Homepage, Login, Create New Classroom, Create New Post, Edit Post, Add Attachment to Post, Load Classwork Tab, Create New Assignment, Add Attachment to Assignment, Load People Tab, Invite a Student, Student Load Homepage, Student Add Submission, Add Student Private Comment, Load Grades Tab, View Submission, Add Professor Private Comment, Grade Submission, Archive Classroom, Delete Classroom, Log out
Google Cloud Storage	Web	Available actions: Go to initial page, Hit the Try it free button, Register for free trial, Start free trial, Learn to use Cloud Storage, Enable billing, Select Storage from menu, Create bucket, Upload an object to bucket, Share object publicly, Test public link, Revert the object to private, Navigate to Buckets
Google Drive	Web	Available actions: Get Sign In Page, Sign In, Create Folder, Upload File, Delete File, Empty Bin, Create Text Document, Create Presentation, Create Spreadsheet, Download File, Sign Out
Google Sheets	Web	Available actions: Load Sign In Page, Sign In, Create a New Sheet, Input Data, Share the Sheet, Complete Sharing, Sign Out
Google Slides	Web	Available actions: Load Sign In Page, Sign In, Start a New Presentation, Start a New Slide, Input Slide Text, Replace Image, Name the Slide, Share the Slide, Send Sharing, Sign Out
GoogleHangouts	Web	Available actions: Load First Page, Sign In, Start Chat, Send Text Message, Receive Text Message, Send a File, Receive Text Reply, Send Image, Receive Image, Make Phone Call, Start Video Call, Logout

Name	Type	Description
GooglePhotos	Web	Available actions: Load Login Page, Login to Google, View a Photo, View Next Photo, Return to Main Page, View Albums Page, Select an Album, Upload a Photo, Return to Photos Page, Download a Photo, Logout of Google
HTTP	Web	Available actions: HTTP GET, HTTP POST
Hulu	Web	Available actions: Login, Select Movies Tab, Select Movie Genres, Select a Movie, Pause Playing, Resume Play, Rewind Play, Jump Ahead in Playback, Logout
Instacart	Web	Available actions: Load Login Page, Login, Select Department, Select Item, Add to Cart, Search for Item, Select Item in Search List, Add Another Item, Go to Checkout, Select Delivery Address, Continue Checkout, Abort Checkout, Logout
Jingdong	Web	Available actions: Go To Jingdong, Login, Search For Products, Check Products Information, Checkout, Logout
Jira	Web	Available actions: Load Login Page, Login, Create Project, Create Story, Add Comments To Story, Mark The Story To Closed, Logout
League of Legends	Web	Available actions: Login, Start Game, Attack
Mail.ru	Web	Available actions: Login, Send Mail, View Mail, Logout
Mango TV	Web	Available actions: Open Mango TV Website, Watch Video
Meraki	Web	Available actions: Login, Enrol Device, Add Application, Add Profile, Push Updates, View Clients, View Map, View Logs, Download CSV, Send Command, View Summary, Add Geofence, Add Policy, Add Owner, Logout
Mewe	Web	Available actions: Open Login Page, Login, Read News Feed, Post Status, Logout

Name	Type	Description
Microsoft Azure	Web	Available actions: Go to initial page, Create a free Azure account, Login to a Microsoft account, Sign up for Microsoft Azure, Hit the Start Managing my Service button, Learn about creating a web app, Create a web app with an SQL database, Go to app services and test the app, Read deployment documentation, Create FTP credentials, See Deployment options, Go to App Service editor, Preview the changes to the web app, Create a new file and preview it, Sign out, Sign in
Netease Music	Web	Available actions: Go to Netease Music, Login, Search Music, Play Music, Add To Playlist, Recommend Music, Watch Music Video, Logout
OK.ru	Web	Available actions: Login, View Feed, Post Message, Logout
Office 365 Outlook People	Web	Available actions: Get Sign In Page, Sign In, Create a New Contact, Search for a Contact, Delete a Contact, Sign Out
Office365 Excel	Web	Available actions: Get Home Page, Sign In, Get Excel Tab, Create Excel Workbook, Edit Workbook, Pin Workbook, Open Workbook In OneDrive, Sign Out
Office365 OneDrive	Web	Available actions: Get Home Page, Sign In, Get OneDrive Tab, Create Folder, Upload File, Delete File, Create Excel Workbook, Create Word Document, Create Powerpoint Presentation, Sign Out
Office365 Outlook	Web	Available actions: Get Home Page, Sign In, View Inbox, Open Message, Delete Message, Send Message, Send Message With Attachment, Navigate To Calendar Panel, Create A New Event, Delete An Event, Navigate To People Panel, Create A New Contact, Search For A Contact, Delete A Contact, Navigate To Task Panel, Create New Task, Mark Task Completed, Delete Task, Sign Out
PUBG	Web	Available actions: Login, Initialization, Game
Portal	Web	Available actions: Search Image, Upload Image, Login, Logout

Name	Type	Description
Quora	Web	Available actions: Open Main Page, Login, Browse, Post Question, Logout
Reddit	Web	Available actions: Load Main Page, Sign In, Access Post, Create Comment, Delete Comment, Search Posts, Subscribe to Subreddit, Access Gifts Page, Load Profile, Access Settings, Access Messages, Sign Out
Salesforce	Web	Available actions: Load Login Page, Login, Select Top Deal, Update Call Log, Select Opportunities Tab, Select an Opportunity, Edit Amount, Select Notes Tab, Edit a Note, Select Dashboards Tab, Open Adoption Dashboard, Select Calendar Tab, Add a Meeting, Logout
SendGrid	Web	Available actions: Open SendGrid Website, Login, Send Mail, Add Contact
Service-Now	Web	Available actions: Get Sign In Page, Sign In, View an Incident, Create an Incident, Sign Out
Sina Weibo	Web	Available actions: Load Main Page, Sign In, Check User Space, Post Text Blog, Post Photo Blog, Post Video Blog, Add Video Title, Check User Space Again, Thumb Up, Write Comment, Sign Out
Skype	Web	Available actions: Login, Video Call, End Video Call, Voice Call, End Voice Call, Logout
Skype 8	Web	Available actions: Sign In, Add Contact, View Contact Profile, Send an IM, Receive an IM, Start Audio Call, End Audio Call, Sign Out
Snapchat Web	Web	Available actions: Get Login Page, Login, Send Text Message, Send A Snap Message
Social Network	Web	Available actions: News Feed, View Profile, Like Post, Unlike Post, Create Post, Comment To Post, Login, Logout

Name	Type	Description
Splunk	Web	Available actions: Load Login Page, Login, Upload Log, Search Log, Logout
Tubi	Web	Available actions: Open Tubi Page, Login, Browse Tubi, Select Movie, Play Video, Pause Video, Select Recommended Movie, Logout
VKontakte	Web	Available actions: Load Login page, Login, View Feed, Post Message, Logout
Video Platform	Web	Available actions: Search Video, Download Video, Like Video, Unlike Video, Upload Video, Delete Video, Login, Logout
WolframAlpha	Web	Available actions: Open, Login, Browse, Upload, Logout
YYLive	Web	Available actions: Load Home Page, Select Category, Play Video
Yahoo Mail	Web	Available actions: Get Sign In Page, Sign In, Send Message, View Inbox, Send Message with Attachment, View Message, View Message with Attachment, Sign Out
Yammer	Web	Available actions: Select First Group, Select Second Group, Select Third Group, Like An Entry, Reply to a Post, Post New Message, Select Another Group
Youku	Web	Available actions: Open Youku Website, Login, Browse Video Lists, Search Video, Watch Video, Logout
Youtube	Web	Available actions: Get Sign In Page, Sign In, Search Video, Play Video, Pause Video, Like Video, Unlike Video, Add Video to Playlist, Subscribe to Channel, Unsubscribe from Channel, Comment on Video, Share Video, Upload Video, Go to Subscriptions, Go to Playlists, Remove Video from Playlist, Go to Trending, Go to History, Sign Out

Name	Type	Description
Zoom	Web	Available actions: Sign In, Join Meeting, Leave Meeting, Sign Out, Share My Video, Receive Meeting Video, Stop Sharing My Video, Stop Receiving Meeting Video, Share My Audio, Receive Meeting Audio, Stop Sharing My Audio, Stop Receiving Meeting Audio
appointy	Web	Available actions: Load Login Page, Login, Book New Customer, View New Users Pulldown, View New Appointments Pulldown, Select Dashboard Tab, Select Reports Tab, View Week Calendar, View Customers Tab, Logout
eBanking	Web	Available actions: Sign Up, View Transactions, View Accounts, Get Contact Page, Login, Logout
eShop	Web	Available actions: Add To Cart, Remove From Cart, Search Product, View Product, Buy, Login, Logout