

Cisco Quad™ Enterprise Social Software

Product Overview

Cisco Quad™ is the next-generation enterprise collaboration platform that provides a transparent, integrated user experience. Cisco Quad enables you to be more productive, engaged, and knowledgeable by:

- Finding and connecting with people, communities, and information from a personalized dashboard
- Communicating and collaborating with colleagues in context
- Contributing and sharing knowledge through a unified posting model

A natural extension of the rich Cisco® [Collaboration product portfolio](#) and designed fundamentally with an interoperable and scalable architecture, Cisco Quad heralds the convergence of communication tools and social software with enterprise content management systems and line-of-business applications.

Key Features and Benefits

Table 1 lists the key features, functions, and benefits of Cisco Quad 2.1.

Table 1. Features and Benefits of Cisco Quad 2.1

Feature	Function and Benefit
New Post: Easy and Fast Way to Contribute and Share Information	
Unified Post Model	Unified Post Model provides a consistent method of posting any type of content (blog, wiki, image, video, etc.) with title, content, tags, file attachments, and hyperlinks.
Share with	A post can be shared with communities, contacts, or groups. When shared, the post dynamically appears in the respective user's or community's library of posts. Optional email notification can be sent to everyone with whom the post has been shared. Sharing selections can be saved as new personal "Share with" default settings.
Video as First-Class Content: Efficiently Upload, Share, and Play at Scale	
Cisco Show and Share® integration	This feature uses Cisco Show and Share software to provide scalable video (WMV, FLV, and MP4 formats) uploading, sharing, and playback. Video can be added to a post as easily as text and images.
My View: Personalized Dashboard for Accessing and Engaging People, Communities, and Information	
Watch List	Watch List enables easy tracking of any content that you have posted or commented on, sorted in reverse chronological order based on your last participation activity (for example, added favorite, commented on, edited, etc.).
Social Activities	This feature provides a centralized stream of status messages and activities from contacts and communities associated with the user, allowing and encouraging collaboration and interaction among users.
Change Layout	Change Layout allows instant change of page layout to 1, 2, or 3 columns.
Manage Page	Manage Page allows you to add one or more custom pages to My View.
Add Application	This feature allows instant addition of portlets (Blog Aggregator, Bookmarks, Calendar for Microsoft Exchange, Content Publisher, Dictionary, Documents, IFrame, Images, My Communities, OpenSocial App, RSS Feed, Recent Documents, Social Activities, Tag Cloud, Voice Messages, Watch List, Welcome, Wiki, and Wiki Links) to any pages within My View.
OpenSocial App Portlet	This feature allows one or more OpenSocial-compliant gadgets to be added to any pages within My View.
Library	Library lists all posts (New Posts, My Posts, Favorites, Videos, and Deleted Items) that you have created or that has been shared with you, sortable by title, last modified date, number of changes, and author. It also provides separate lists of documents, images, and bookmarks. You can create Custom Views to filter for a specific user, tag, or community.

Feature	Function and Benefit
Profile: Unified View of a User's Personal Attributes and Online Activities Governed by Privacy Settings	
User's Core Profile Attributes	Shows name, presence, avatar or photo, job title, latest status message, location, time zone, mobile and work phone numbers, primary and secondary email addresses, and instant messaging (IM) addresses; attributes can be imported and synchronized with any Lightweight Directory Access Protocol Version 3 (LDAPv3)-compliant directory.
User's Blog	Shows your blog posts, sorted in reverse chronological order.
User's Activities	Shows a centralized stream of your public activities.
Expertise	Shows your expertise as keywords.
Interests	Shows your interests as keywords.
Public Communities	Shows a list of public communities of which you are a member and that you have selected to be shown.
Contacts	Shows a list of contacts with whom you have connected and whom you have selected to be shown.
Following	Shows a list of people you are following and who are following your public activities.
People: Directory for Browsing and Finding People and Contacts	
All	Shows a list of all users within Cisco Quad and allows for name and keyword search; for each user, options include 1-click Add Contact, IM Chat, Call, and Email.
My Contacts	Shows your list of contacts; for each contact options include 1-click Remove Contact, IM Chat, Call, and Email.
Communities: Containers for People Who Share Common Interests or Objectives and Information	
All Communities	Shows a list of all communities within Cisco Quad to which you have at least read access and allows name and keyword search; for each community, there is a 1-click Join option.
My Communities	Shows a list of communities of which you are a member; for each community, there is a 1-click Leave option; for communities to which you have Owner role, there are 1-click View Membership Request, Assign Members, Assign User Roles, Edit, Manage Pages, Leave, and Delete options.
Communities I Manage	Shows a list of communities of which you are an owner; for communities, there are 1-click View Membership Request, Assign Members, Assign User Roles, Edit, Manage Pages, Leave, and Delete options.
Within a Community: Share and Collaborate with People of Like Minds and Endeavors	
Types	<ul style="list-style-type: none"> • Open: Anyone can join; name and content area are visible in Search results • Restricted: Only those allowed can join; name is visible in Search results; content is visible in Search results only for those who are members • Hidden: Only those allowed can join; name is not visible in Search results; content is visible in Search results only for those who are members
Manage Page	Allows you to add one or more pages to the community.
Actions	List of 1-click actions (Create a Post, Create a Wiki, Start a Discussion, Add a Blog Entry, Upload a Document, Upload a Video, Upload an Image, Invite Members, Edit Community, and Leave this Community) that you can select.
Add Applications	Allows instant addition of portlets (Actions, Activities, Blog, Bookmarks, Calendar, Community Members, Content Publisher, Dictionary, Discussions, Documents, IFrame, Images, OpenSocial App, RSS Feed, Recent Documents, Survey, Tag Cloud, Wiki, and Wiki Links) to any pages within the community.
OpenSocial App Portlet	Allows you to add one or more OpenSocial-compliant gadgets to any pages within the community.
Invite	Allows you to invite up to 20 users at a time by email to join the community.
Library	Lists all posts (New Posts, My Posts, Favorites, Videos, and Deleted Items) created in or shared with the community, sortable by Title, Last Modified Date, Number of Changes, and Author; also provides separate lists of documents, images, and bookmarks; you can create Custom Views to filter for specific user, tag, or community.
Search: Find and Filter Relevant People, Communities, and Information	
Security Trimmed Search Results	Protects sensitive information by showing only search results for which a user has at least Read permission.
Faceted Search Results	Enables easy and fast filtering of search results through facets such as Mine, People Profiles and Expertise, Communities, Information Types, File Types, and Date Range.

Feature	Function and Benefit
Barlet: Easy and Quick Access to Recent Activities, Real-Time Notifications, Contacts, and More	
Floating Barlet	One-click access to Activity Stream, Notification Alerts, Instant Messaging, Contacts List, Directory Search, and Cisco WebEx™ Meeting Center from any page in Cisco Quad.
Mobility: Take the Cisco Quad User Experience with You	
Apple iPhone and iPad App	Provides high-fidelity mobile access to My View, Posts, Activities, People, Communities, and Search.
Security and Policy Management: From Granular Protection to Rules-Based Governance	
Groups	Allows one or more users to be assigned into a group.
Roles	Allows one or more users or groups to be assigned to a role, which can in turn be assigned with permissions.
Granularity	Allows assignment of security permissions to each portlet, page, community, library, folder, document, or post.
Policies	Allows for defining policies as one or more business rules at the user level that can override security permissions at the content level.
Entitlement	Allows you to globally enable or disable product functions.
Compliance application programming interface (API)	Permits integration into third-party compliance systems for enhanced activity generation for regulated users.
Integration and Interoperability: Transparent User Experience and Extensible Functions	
Unified Communications Integration	Provides transparent 1-click to activate IM, to call (voice and video), or to access a Cisco WebEx meeting for any contact.
Content Management System Interoperability	Offers built-in support for the Common Management Information Services (CMIS) standard that enables straightforward integration with other content management systems.
Portlet Interoperability	Provides built-in support for Java Portlet Specification 1.0 (JSR168), Java Portlet Specification v2.0 (JSR286), and Web Services for Remote Portlets (WSRP) standards that enable straightforward integration with other portlets.
OpenSocial Gadget Container App	Provides easy consumption of OpenSocial-compliant gadgets.
Real-Time Notification Service	Provides built-in support for Extensible Messaging and Presence Protocol (XMPP) standard and Bidirectional Streams over Synchronous HTTP (BOSH) extension, which enable real-time notifications outbound and alerts inbound.
Scalability and Fault Tolerance: Reduces Risk for Enterprise-Class Deployments	
Rapid Scalability with Cisco Unified Computing System (Cisco UCS)	Takes advantage of Cisco UCS and Vblock technologies to scale physically up to 384-GB RAM and virtually with multiple virtual machine instances.
Data Center-Grade Fault Tolerance	Supports active-active redundancy with transactional services (Application, Search, Cache, RDF Store, and Provisioning); remaining services (Directory Sync, Notification, and Monitoring) support active-passive redundancy.
Centralized Application Provisioning and Maintenance: Reduce Deployment Time and Complexity	
Centralized Provisioning	Uses a "private cloud" model to provision one or more Service Roles (Application, Search, Cache, Directory Sync, Notification, RDF Store, and Monitoring) to one or more Cisco Quad nodes.
Centralized Maintenance	Uploads a software maintenance package to Provisioning Service and then assigns and deploys it to the appropriate Cisco Quad nodes; rollback is available if a failure occurs.
Systems Management: Data Center-Grade Monitoring, Alerting, and Analytics	
Real-Time Monitoring	Monitors status, metrics, performance, alerts, and events.
Alert Notifications and Actions	Can forward or relay alerts through email, Simple Network Management Protocol (SNMP), Java Management Extensions (JMX), or web services.
Performance and Health Analysis	Enables service-level tracking, transaction tracing, and database query analysis.

Compatibility

Table 2 lists the products and their respective versions that are compatible with Cisco Quad 2.1.

Table 2. Compatibility

Product	Version
Cisco Unified Communications Manager (UCM)	7.0 or later
Cisco Unified Presence	8.0 or later
Cisco Unity™ Connection	8.0
Cisco WebEx Meeting Center	8.5
Cisco WebEx Connect	Cloud
Microsoft Exchange (Calendar - Web-based Distributed Authoring and Versioning [WebDAV] support)	2003 or later
Microsoft Office Communications Server (Cisco IP Communicator Web access)	2007 R2 or later

Licensing

Cisco Quad 2.1 is currently released with limited availability. Contact your local Cisco account representative for licensing information.

Product Specifications

Table 3 lists the relevant product specifications for Cisco Quad 2.1.

Table 3. Product Specifications

Protocols	HTTP, HTTP/SSL (requires Cisco Application Control Engine [ACE]), NT LAN Manager (NTLM)/Kerberos, SiteMinder Single Sign-On (SSO), LDAP, OAuth, WebDAV, CMIS, WSRP, Extensible Messaging and Presence Protocol (XMPP), and BOSH
APIs	Authentication, OpenSocial (People, Activities, and Application Preferences), Notifications, and Content Web Services (Post, Community, and Microblog)
Language support	English

System Requirements

Table 4 lists the system requirements for Cisco Quad 2.1.

Table 4. System Requirements

Hardware	<ul style="list-style-type: none"> • Cisco Unified Computing System Vblock 0 (for +10,000 user environments) and Cisco UCS C-Series (25,000-10,000 user environments) • Optional for enabling HTTP/Secure Sockets Layer (SSL): Cisco ACE Application Control Engine Module
Memory	Depends on workload
Disk space Software	Depends on workload
Software	<ul style="list-style-type: none"> • Cisco Enterprise Policy Manager (included) • Cisco Show and Share 5.2.1 (included) • VMware ESXi 4.0 • Oracle Database 10g
Browser support	<ul style="list-style-type: none"> • Microsoft Windows and Mac OSX platform support • Microsoft Internet Explorer 8.0 • Firefox 3.6 • Safari 4.0 (Mac OS only) • Chrome 8.0 (Windows)

Ordering Information

Cisco Quad 2.1 is currently released with limited availability. Contact your local Cisco account representative for ordering information.

Cisco Services

Cisco Quad 2.1 is currently released with limited availability. To maximize customer success and reduce implementation risks, Cisco Quad must be deployed with direct assistance from [Cisco Advanced Services](#), which provide a broad portfolio of intelligent, personalized services and support that can help you realize the full value of your enterprise collaboration investment. For more information about these services, contact your local Cisco account representative.

For More Information

For more information about Cisco Quad, please visit <http://www.cisco.com/en/US/products/ps10668/index.html> or contact your local Cisco account representative.



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