

TeamSpirit® WebMate: in-browser voice & video communication

Voice communication over the Internet has become an everyday commodity similar to a traditional phone. However, web users still have to install and use separate applications for online talks.

To address the growing natural demand for easy-to-use integrated communication, SPiRiT offers TeamSpirit® WebMate, a complete software solution enabling in-browser voice and video conferencing for Web 2.0 environment.

TeamSpirit® WebMate

TeamSpirit® WebMate allows embedding voice and video communication functionality directly into web pages of portals, social networks, dating services and any other web sites, bringing new value especially to community-focused services.

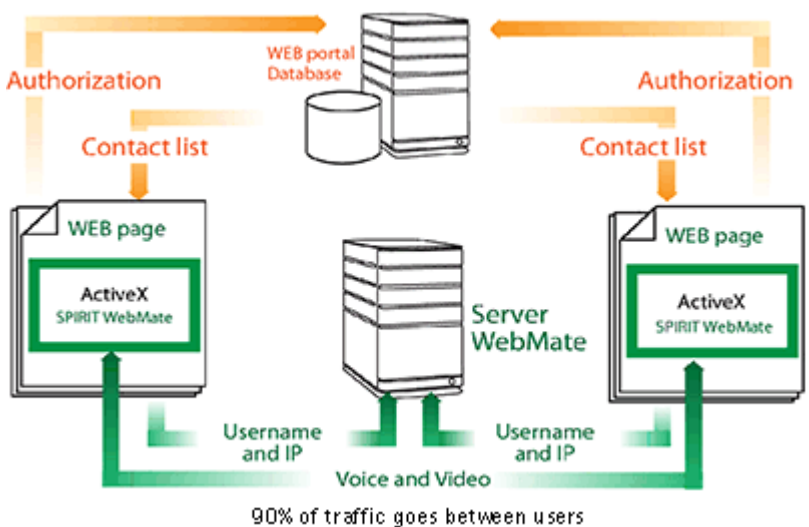
WebMate provides 2-way and multi-user voice and video chat. The client-side software is a web browser plug-in that enables immediate direct calls between the site users.

The integrated talk option makes user communication convenient like never before, as it eliminates the need to install applications or to create new accounts. TeamSpirit® WebMate runs inside the user's default browser and provides conferencing/P2P functionality personalized to the user's web portal account.

Any WebMate user can get a "Call" button on his/her personal blog/page. The page visitors can call owner by simply clicking the button.

The solution has an open API for easy integration into web pages and with the server side.

TeamSpirit® WebMate delivers crystal-clear sound for all users regardless of their connection, thanks to the scalable SPiRiT IP-MR™ codec and TeamSpirit® Voice&Video Engine.



Benefits for Users

- **Enhanced communication:** immediate voice and video talk option directly from a web page
- **More convenience:** no need to install separate applications, memorize user IDs and passwords, and switch between windows
- **Direct calls** to other registered site users
- **Excellent voice and video quality**

Benefits for Site Owners

- **No user sharing** with Instant Messenger / softphone applications (ICQ, Skype, MSN, etc.)
- **Additional revenue generation:** from online ads, as visitors spend more time on the portal, and from value-added communication services
- **Increased customer loyalty**

Applications

- Social networks
- Dating services
- Web-based online games
- Blogs
- Internet forums
- Distant learning and trainings
- Recruitment portals
- E-commerce
- and any other communication-oriented sites

Communication Scenarios

TeamSpirit® WebMate enables various voice and video communication scenarios.

1. Communication between registered users of social networks:
 - Multi-user video chat
 - Personal chat: two online users establish voice and video connection
 - Voice conferences (unlimited number of participants for server-based conferencing, up to 5 users for client-based conferencing)
 - Call forwarding: if user is offline, the call can be automatically forwarded to his/her mobile or landline number. The number is not displayed
2. Anonymous calling (no registration is required)
 WebMate helps users feel more secure and comfortable with temporary ID valid only for only one session. This option is extremely valuable for dating sites.

Viable business models: per call payment (CPP), monthly payment plans, enhanced service packages, paid conference-rooms, payments for special events, etc.

All scenarios bring increased advertising revenues, as visitors do not switch to softphones/IMs and spend more time on the site, which results, among other things, in more page views and ad impressions/clicks.

Integration

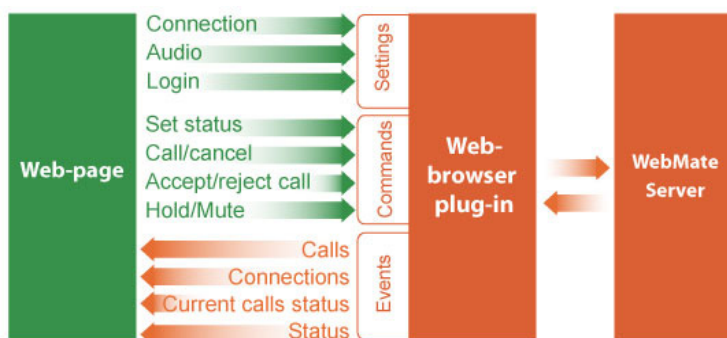
TeamSpirit® WebMate has an open API for easy integration into web sites. The client plug-in is integrated into a web page with Java scripts.

A user interface can be HTML- or Flash-based. Its graphic appearance can be easily customized according to the site design style.

The initial plug-in configuration allows voice and video calls without additional tuning.

To connect two registered users, WebMate uses their portal credentials as user names or unique user IDs for the web site.

The solution can be additionally fine-tuned to better address specific customer requirements.



Specifications

The delivery package includes a set of scripts, browser plug-in, a testing HTML-page with a sample audio chat, GUI and API description.

Client plug-in	▪ ActiveX, NPAPI* Plug-in for FireFox and Opera
Signaling	▪ XMPP/Jingle (server included)
Voice and video codecs	▪ SPiRiT IP-MR™, H.264
NAT/firewall traversal	▪ TURN, ICE
Downloadable size	▪ <1,5 MB

* additional functionality

Resource Requirements*

The data below can be helpful to estimate the number of servers required to set up a WebMate service.

Online users	Signaling server	Data base server	CPU/RAM load, %
10000	1	0	10% / 20%
50000	1	1	15% / 60%
100000	1	1	20% / 100%

* Server configuration: Dual Xeon 2.6GHz, 2Gb, 72Gb HDD, GbLAN, OS Debian Linux 4.0

CONTACTS	Russia: 7-495-661-21-78	Germany: 49-641-48-08300	Taiwan: 886-2-2888-1010, 886-2-2696-0055
	France: 33-623-021-563	USA: 1-888-374-4410	Korea: 82-70-7780-9910, 82-2-33473-5080
General: 1-408-540-6033	Israel: 972-3-736-9763	Canada: 1-888-374-4410	China: 86-21-63502288-820
	www.spiritdsp.com	Italy: 39-02-6680-2557	Japan: +81-3-6361-8080
			Singapore: 65-6744- 9789