



“Customers get extended value from the unified communications features of Microsoft OCS when they choose Avistar C3 Unified™ – Microsoft OCS Edition for their desktop videoconferencing solution. Lower overall operating costs and increased productivity are just the start.”

**Chris Lauwers, Ph.D.**  
Chief Technology Officer  
Avistar Communications

## At a Glance

- Enables true, continuous presence, multiparty videoconferencing for maximum employee collaboration
- Delivers seamless interoperability between OCS and non-Microsoft video infrastructure through support of industry-standard codecs like H.264
- Eliminates Microsoft Mediation Server requirement for H.323 to SIP interoperability
- Uses existing network resources more efficiently through superior bandwidth management and call admission control

## Avistar C3 Unified™- Microsoft OCS Edition

Information Technology (IT) executives want to know their strategic investments in unified communications (UC) technology are delivering the greatest possible returns. Unfortunately, a significant gap frequently exists between the benefits promised and those actually delivered. Companies that have implemented Microsoft’s proprietary UC platform, Office Communications Server (OCS), get the benefit of its superior integrated presence and desktop features but must make tradeoffs in other areas including limitations in the end-user video experience, interoperability issues with third-party hardware and software solutions, as well as scalability concerns as UC traffic grows on the network.

Fortunately, Avistar has more than 15 years experience in the desktop visual communications industry producing patent-protected technology that makes UC tools such as OCS run well throughout the organization. The Avistar C3 Unified™- Microsoft OCS Edition allows OCS users continued benefit from an integrated Microsoft desktop environment and also leverages a feature-rich visual communications experience, more cost-effective interoperability through support of industry standards, and enhanced scalability to meet the increased network demands that result from greater employee adoption of UC tools.

Available as an add-on that embeds Avistar-specific functionality directly into the Microsoft Office Communicator (MOC) client, the Avistar C3 Unified™- Microsoft OCS Edition provides the following features:

### Avistar C3 Unified™- Microsoft OCS Edition

#### *Economical, Scalable and Interoperable Videoconferencing*

The Avistar C3 Unified™- Microsoft Edition is designed to simply plug into Microsoft OCS and provide immediate value by delivering a fully interoperable desktop visual communications experience to the end user. This ensures that desktop users can have direct interoperability with other desktop and room solutions without the need for costly media translation technology such as the Microsoft Mediation Server.

Other features of the Avistar C3 Unified™- Microsoft OCS Edition include:

- Up to Full HD 720p Support
- Full Screen Mode and PIP
- Dial Key Pad for DTMF
- AEC (Echo Cancelation)
- Call Hold, Resume and Transfer
- Network Health and Monitor Utility
- Administrative Management Center
- Interoperability with OCS Calling Features

## Avistar C3 Unified™- Microsoft OCS Edition



### Avistar C3 Unified™- Microsoft OCS Pro Edition *Providing a Ubiquitous User Experience*

The Avistar C3 Unified™ - Microsoft OCS Pro Edition extends the industry leading features found within the base edition of the Avistar C3 Unified™ solution by including the Avistar C3 Tunnel Server™ solution and SIP registrar. This enables users to communicate over firewalls, whether from the home office, on the road or a remote branch, without the need for costly and complex VPN solutions. In addition to this, the SIP registrar ensures the solution can find and follow users as they communicate from different locations or devices, without the need for complex dialing strategies.

### Avistar C3 Unified™- Microsoft OCS Business Edition *Multiparty Conferencing Made Simple and Economical*

Built on the features and functionality found within the Avistar C3 Unified™- Microsoft OCS Pro Edition, the Avistar C3 Unified™- Microsoft OCS Business Edition delivers a high quality, simple to use multiparty desktop visual communications experience by including the Avistar C3 Conference™ solution. Featuring full transcoding and transrating, the Avistar C3 Conference™ solution makes multiparty videoconferences simple to setup, use and manage. This includes out of the box support for Ad Hoc multiparty videoconferences.

The bottom line? While OCS gives users superior integrated desktop presence capabilities, the Avistar C3 Unified™- Microsoft OCS Edition extends those benefits to deliver continuous presence multiparty video calls directly from the MOC client to the desktop and third-party room solution endpoints, while minimizing the impact of increased UC traffic on other network applications.

## Benefits

- Realize the true collaborative benefit and productivity boost of continuous presence multiparty videoconferencing
- Protect your OCS investment by leveraging the superior presence, signaling and call control features of OCS
- Protect your third-party UC investments by allowing MOC users to connect to endpoints from third-party room solution hardware/software providers
- Minimize the impact of UC on other critical network applications as UC tool adoption grows
- Ensure high level Quality of Experience and improve the ROI of UC applications by optimizing their effectiveness
- Increase user adoption of UC tools
- Improve employee productivity and reduce operating costs

### Features

- Seamless integration of Avistar video experience within MOC
- Seamless OCS presence
- Continuous presence, multiparty videoconferencing
- Compatibility with industry-standard MCUs such as the Avistar C3 Conference™ solution, Tandberg's Codian solution, or Polycom
- Interoperability with existing room solutions
- Support of open video & audio codec standards including H.264
- Support for inbound and outbound video resolutions up to HD (720p)
- Economical H.323 to SIP interoperability
- One-click ad-hoc conferencing for an unlimited number of endpoints

### System Requirements

- Windows Vista SP1, XP SP2, SP3, Windows 7
- CPU Speed 1.4 GHz (Pentium M or higher)
- 2 GHz (Pentium 4 or higher)
- Microsoft Office Communicator R1 & R2

For specific server hardware specs please refer to the Avistar C3 Conference™ and the Avistar C3 Tunnel Server™ datasheets for additional details.



# AVISTAR™

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