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5 smart ways Webex does great video from home

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5 ways Webex gives you a great experience

People are working remotely from home and other locations more than ever. There's nothing like rich, high-definition video to make you feel like you're actually there.

For a truly video-first experience, you need a solution that intelligently adapts to maintain good quality even when network conditions degrade. Webex does just that.

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Dynamically optimize grid view in low bandwidth

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Focus on the "region of interest" – you!

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01

Dynamically optimize grid view in low bandwidth

Seeing everyone on a call is a great thing – Webex shows you up to 25 participants on a 5x5 grid. But if bandwidth drops, multiple video feeds can freeze, even start flashing or switching off. Highly distracting!

The Webex advantage

Webex monitors conferencing conditions nonstop – and applies intelligence to adapt to network and CPU performance. If Picture-in-Picture (PIP) displays start shutting down, it adjusts the video layout to deliver as many streams as possible in a stable way.

If things get worse, Webex automatically shrinks the grid size to eliminate video feeds with poor bandwidth. No more distractions.



Webex dynamically delivers best video streams based on your network

02

Focus on the “region of interest” – you!

In poor bandwidth situations, video that is below 720p quality can look fuzzy and blocky, all across the frame. It’s hard to work together if you can’t see the person on the other end.

The Webex advantage

Webex up levels quality even under the toughest network conditions.

Using region of interest-based encoding, it focuses on rendering the most important part of the video – the person’s face – with sharper detail in the region of interest.



Focusing on
what’s important

03

Smooth and high-resolution video even under extreme packet loss

Real-time video is highly latency-sensitive, and any packet loss can impact quality. At 50% packet loss, video freezes, drops in resolution, or even disappears completely.

The Webex advantage

To power through extreme packet loss, Webex uses adaptive media resilience tools to cope with even the most challenging network environments.

You'll get smooth 720p quality even during poor network conditions.



Smooth
720p quality



04

Webex in hi-fi

People don't expect to have a spectacular experience when they play a great audio track in a video conference, but why not?

The Webex advantage

Even audiophiles will be impressed by Webex's immersive sound quality. By turning off noise suppression and adapting other parts of the audio pipeline, it lets people experience clear, warm, rich sound quality.

So go ahead and play Mozart in your next call or virtual music class.



Clear, warm, rich
sound quality

05

Dropping frames to maintain HD quality

Sometimes network conditions degrade just for a moment. But there's no need for a few bumps in the road to downgrade video quality from 720p to 360p.

The Webex advantage

If your network starts to stumble, Webex steps in to reduce frame rate just enough – so you'll never know it – while keeping image quality high.

It will drop you down to 360p only if poor network conditions persist.



Keeping image quality up

Redefining what's possible in video collaboration

The latest enhancements to Webex have powered real advances in video and audio quality. We're proud to say that they have improved performance for more than 98% of all Webex meeting minutes with low-quality video or audio resolution.

Innovation never stops at Webex, and we're continuing to advance media quality to be smarter and more adaptive, to keep pace with changing demands.



Webex can help you unlock new possibilities in video collaboration.

[Learn more](#)

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