

Data Sheet

SpaceClaim LiveReview

The Future of Live 3D Collaboration

LiveReview is an engagement tool for engineers who want a more efficient way to review their designs with others. LiveReview extends the power of SpaceClaim into a single, secure modeling session where more than one user can contribute to the review and editing of a model part or an assembly in real time.

Users can invite anyone to a LiveReview session: suppliers, clients, prospects, coworkers, etc. LiveReview mitigates the challenges of a geographically dispersed team and can make walk-throughs, brainstorming sessions, and even bid modeling productive and ultimately more successful.

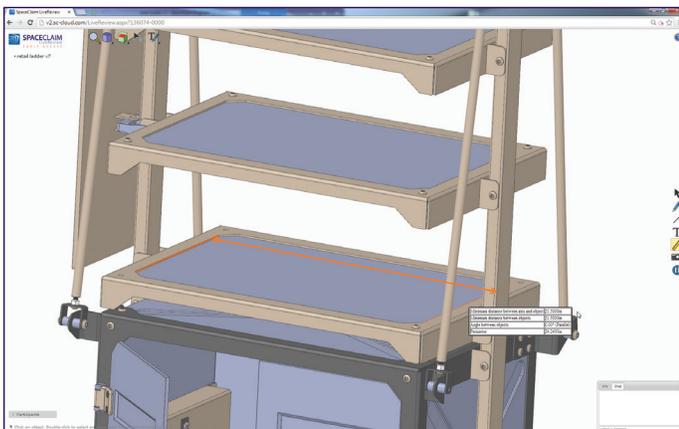
Fast and Intuitive

SpaceClaim LiveReview's speed and intuitive interface means both hosts and guests of a session are up and running in no time. Setup is as easy as: click a button; send a link; click the link. Immediately, your guests have access to your modeling session. Other benefits of LiveReview:

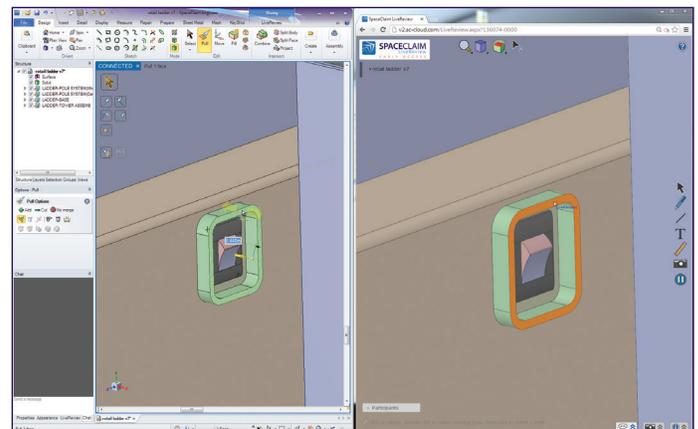
- There is no longer a need to share an entire model for a review session or walk-through. Save time and protect your IP in one tool.
- Session guests do not need to be SpaceClaim users to join in and contribute to a session.
- Because the LiveReview session is not an application, there is nothing to download or install for the participant. Result: instant connection with participants. No need for training with SpaceClaim's easy-to-use, intuitive approach.

There are a number of ways participants can interact with the model

- **Select & Rotate:** Rotate and select parts of a model to highlight for other participants.
- **Markup:** Markup tools include pen, text, arrows, and lines.
- **Measurement:** Take measurements of features on the model such as length, angle, area, volume.
- **Snapshot:** Record the session with snapshots of the model and any mark-ups from participants.
- **Pause View:** Pause your view of the session to rotate, select, measure, mark-up, and take snapshots on your own, then rejoin the session to share your findings.



Client measuring.



Real-time editing.

Interactive & Simultaneous

Anyone with an up-to-date browser* can join and contribute to a session. There is no limit to the number of participants one can invite to a session. LiveReview is set up for multiple users on multiple devices.

We built LiveReview to feel like everyone is in the same room working on the model together. All participants can interact with the model, and everyone can see changes immediately. Participant interaction can include: selection & rotation of the model; mark-ups; measurement; snapshots pausing of the model view for individual investigation.

Secure

Security is important for a segment of customers, especially those who are sensitive to data getting into the wrong hands. The architecture of LiveReview protects valuable intellectual property and design while allowing users to share and edit models with others. SpaceClaim's LiveReview provides security in three ways:

- The geometry is always on the host's computer –never travels to the server or to the guest's computer. Only the graphics of the 3D model are shared. Your design resides with you.
- When the session ends nothing stays on guests' computers. Only session statistics (length of session, time, date, etc) is left behind on the server. No model data is stored, not even graphical data.
- A secured web sockets connection offers an added level of security to the connection between the computers and the servers.

Live 3D Collaboration is About Engagement

LiveReview's goal is to help engineers get their job done faster by circumventing the incessantly repetitive process of 3D modeling. Why should everyone take turns making edits and suggestions to a model? Why not provide engineers, customers, suppliers, and others with the ability to work together at the same time to get the model finalized efficiently and easily? There are plenty of solutions out there for document management and web-conferencing. LiveReview is neither. LiveReview enhances a modeling session by adding live, engaged 3D collaboration that allows engineers and their partners to work together in real time.

*Note: Browsers must support WebGL—because of this iOS devices are not supported.

System Requirements:

It's recommended that all participants update the computer's graphics driver before starting a LiveReview session.

FOR GUEST

A browser that supports WebGL (go here to check support: <http://get.webgl.org/> most up to date browsers will support WebGL with the exception of Safari and iOS devices)

FOR HOST

OS: Microsoft Windows Vista, 7, 8

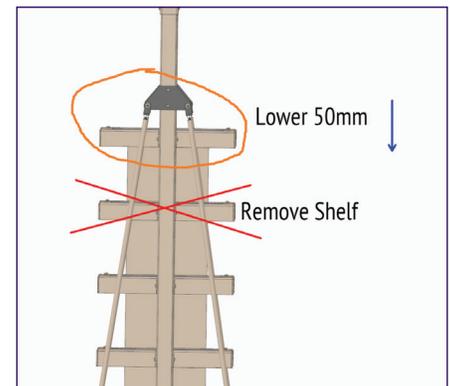
Video Card: Requires Full DirectX® 9c, Shader Model 3.0 hardware support, 256 MB of graphics memory or higher, 32 bits per pixel, 1024x768 minimum resolution.

CPU: Pentium® 4 2.0 GHZ or Athlon® 2000+ or faster, 32-bit (x86) or 64-bit (x64) processor

RAM: Minimum: 512MB RAM (32-bit), 1Gb RAM (64-bit) Recommended: 2GB RAM or higher

For more information, please see system requirements for SpaceClaim Engineer.

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Client markup.



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