

Garrison ULTRA®

Trusted Protection from Nation-State Web Threats



The browser has become increasingly powerful, and most security controls haven't kept up. Garrison ULTRA changes that by bringing cloud-hosted, hardware-enforced controls to your network. We've spent the better part of the last decade perfecting patented hardware that pushes the processing of websites you deem risky outside of your network perimeter to keep your organization safe from phishing, ransomware, and other web-based threats.



What's the ULTRA Web Isolation Trial?

Garrison's technology is trusted by some of the most secure organizations in the world, but don't take our word for it – over 3 weeks, we'll guide a team of high-risk users on the journey to more secure browsing as follows:



Access Enablement: Garrison ULTRA will re-enable access to any sites that users may want to access but have been blocked for security reasons.



Risk Removal: Garrison ULTRA will also remove the risk from a subset of sites that you view as a "necessary evil" – sites that are risky, but whose business value is significant enough to accept that risk and allow direct access.

How Does ULTRA Work?

Garrison ULTRA redirects risky web content to our cloud-hosted Silicon-Assured Video Isolation (SAVI) technology. SAVI uses purpose-built hardware to process web content on one system-on-a-chip, relaying only pixels and waveforms to a separate system-on-a-chip, which turns the website into an interactive video stream to the user, highlighting the risk from sensitive input fields such as password fields in the process. This approach removes all risk of malicious webcode execution and significantly mitigates the risk that a site could impersonate a legitimate one.

What's the ULTRA Browsing Experience Like?

Because SAVI dedicates an entire system-on-a-chip to video and audio compression and acceleration, the user experience is a near-native browsing experience displayed in a separate Chrome, Edge, or Safari pop-up window. Our approach eliminates issues with properly displaying websites and playing multimedia content that are frequently experienced with software-based browser isolation capabilities while also providing a far greater level of security.

What Do I Need for a ULTRA Web Isolation Trial?

Garrison ULTRA's setup is refreshingly simple; these are the technical prerequisites for a trial:

Firewall Change Privileges to enable a number of IP/Port connections on your firewall to allow Garrison ULTRA's communications in and out of your network.

Chrome Administrator Privileges to install and configure a lightweight Chrome plug-in on trial users' endpoints that redirects connections to Garrison ULTRA (redirects can also be configured at the SWG/Proxy – we're happy to provide additional details upon request).

Let's Get Started!

If you're interested in moving forward with our ULTRA Web Isolation Trial, let us know the size of your trial user group and when you'd like to begin. We'll take it from there and make sure you have the support of your account team and professional service engineers to ensure a successful trial. We're also very eager to hear your feedback about Garrison ULTRA, so we'll set up a couple of check-ins along the way to ensure you have the best experience possible. Here's what a typical trial period looks like:

Day 1	Day 2	Day 3	Day 4	Day 5
Network Configuration + Licensing Setup: Professional services work w/ firewall admins.	Chrome Extension Installation: Professional services work w/ Chrome enterprise admin.	Access Enablement: Trial users are able to access previously blocked sites and browse the Internet in Garrison ULTRA to get used to the interface and bring up any network concerns they may encounter.		
Day 6	Day 7	Day 8	Day 9	Day 10
Risk Mitigation Setup: Professional Services work w/ Chrome enterprise admin to add "necessary evil" sites to Garrison ULTRA redirect extension.	Risk Mitigation: In addition to previously-blocked sites, trial users' use of "necessary evil" sites are handled via Garrison ULTRA, representing a small fraction of the capability we can bring as administrators move additional non-trusted content to Garrison.			Executive Check-In: Discussion between the Garrison team and your organization on the experience so far and any changes that may be needed.
Day 11	Day 12	Day 13	Day 14	Day 15
Risk Mitigation (con't): In addition to previously-blocked sites, trial users' use of "necessary evil" sites are handled via Garrison ULTRA, representing a small fraction of the capability we can bring as administrators move additional non-trusted content to Garrison.				Executive Outbrief: Review your Garrison ULTRA experience with our team and align on any next steps.



If Garrison ULTRA can help your organization on its journey to trusted web access, [click here](#) to get in touch with one of our account executives and set up a trial!