Would you click this link?
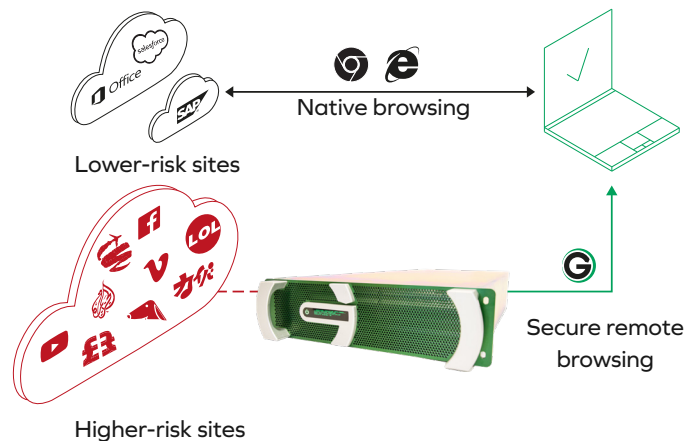
http://bit.ly/2xdmVRw

What about your users? Employee access to the web continues to be one of the most significant cyber risks for enterprises today.

When dealing with the risk of malware that evades existing controls and the risk of data loss from uploads, IT and cyber security managers are faced with an impossible choice. You can reduce the risk by blocking HTTP and HTTPS access to risky parts of the web. Or you can provide access to the full range of information sources that the business demands. Security or business enablement?

With ultra secure browsing from Garrison, you can have both.

Garrison provides ultra secure remote browsing for high-risk user groups like systems administrators, senior executives or payment processing teams. And, using the high-performance hardware in the Garrison SAVI® Isolation Appliance, Garrison can scale affordably across the enterprise to provide ultra secure browsing for all employees.

The Garrison SAVI® Isolation Appliance incorporates patented Silicon Assured Video Isolation technology (Garrison SAVI®) to provide the ultimate protection against web-based malware while massively mitigating the risk of data loss.

Lower-risk sites

Native browsing

Secure remote browsing

Higher-risk sites

Risky content

Browser chip

Camera chip

Secure Endpoint

Audit

Garrison SAVI® exploits the power of the Arm-based System-On-Chip devices that power today's mobile devices. Optimised for cost and power, the Garrison SAVI® Isolation Appliance contains hundreds of individual Arm devices embedded within a patented Hardware Security Enforcement Fabric. By combining these Arm devices into pairs to form SAVI Nodes, Garrison enables ultra secure browsing in a completely isolated environment while providing a high grade user experience (even for rich media content such as video).
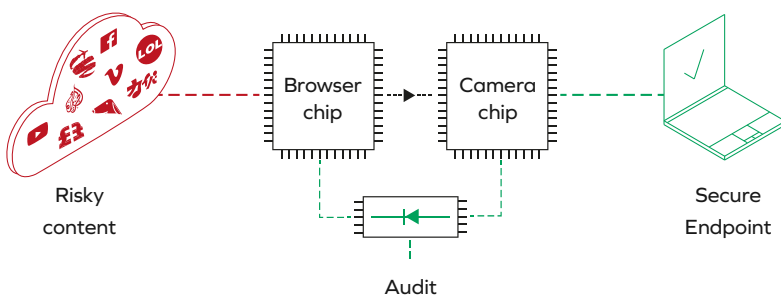
You might think a technology like this was only affordable for ultra secure government customers. And certainly those customers are turning to Garrison to provide access to the web and other risky content.

But Garrison SAVI® technology allows Garrison to deliver cost-effective ultra secure browsing even to mainstream commercial customers across sectors including Financial Services, Media, Telecommunications, Professional Services and others.

Key Benefits and Features

Malware protection

Extreme malware protection, where untrusted content is rendered away from sensitive systems and data. Garrison SAVI® technology ensures that full isolation is enforced in hardware rather than lower security virtualization. Unique SAVI Node Refresh technology makes sure that malware is washed away from the sacrificial processor at the first opportunity, ensuring that it cannot hurt the enterprise.

Re-enabled workforce

Rather than addressing threats from the web by blocking risky URLs, users can be re-enabled, accessing the full benefits of the web without fear, clicking on links and opening documents safely.

Mandated controls

New threats have increased the need for more effective controls. Attacks on the banking sector (for instance the SWIFT platform) have led to increased isolation requirements for payment processing teams. GDPR related fines will lead to increased pressure to shore up defences against data breaches. Garrison can enable companies to meet these increased security requirements, without compromising on efficiency or user experience.

User experience

Garrison SAVI® technology uniquely exploits ultra low-cost processors that are ideally engineered for isolation. This ensures that we can provide the high quality user experience required by todays workforces while scaling at an affordable price.

Protection against phishing attacks

Enterprises are trying to train users to recognise suspicious links, but results show that these costly exercises have limited impact. Garrison allows a much simpler approach: reliable protection against compromised links, and easier training against credential stealing.

Protection against data loss

Malware is not the only risk that the web presents. Many organisations also block sites that could allow employees to upload sensitive confidential data. Garrison's data loss mitigations mean employee access to these sites can be restored.

Effective deployment and scalability

Garrison SAVI® technology can be provided either as a cloud service or as an on-premises solution. Designed for scale, it can be rolled out across an enterprise on both fixed and mobile devices.

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