

PubForm, Dublin, May 2008

Jetro Platforms, CEO
Giora Shaked



Presenting:

Jetro's COCKPIT2i
for Secure Web Browsing

www.jetroplatforms.com 

n About Jetro Platforms Ltd.

- n Server-based Computing company, Known for its Jetro COCKPIT product.
- n Jetro is a fully owned subsidiary of the RDT group, Israel's pioneering IT technologies group since 1963, See (www.rdt.co.il)
- n R&D office in Modiin - Israel, Headquartered at the RDT's main building in Tel-Aviv.
- n 12 distributors are serving our resellers, integrators and authorized partners in more than 15 territories.



About Jetro Platforms



Jetro Platforms is a world leader in the area of IT infrastructure software. Jetro specializes in Centralized, Virtual, Server-based Browsing and Application Virtualization.

Jetro's two main products are:



n Jetro COCKPIT (for SBC)

Considered the best alternative to Citrix Presentation Server (XenApp) for more than 5 years. A full, end to end, Server-based Computing platform.



n Jetro COCKPIT2i (Jetro Secure Browser)

Server-based, Enterprise Secure Web Browsing Solution.

The first network security solution on the market that allows users to browse the internet while port 80 at the firewall remains closed. Our solution allows web browsing to take place without exposing the enterprise network to malware from the outside world.

Jetro COCKPIT2i – The Opportunity



“ Organizations should proactively shield endpoints against attacks targeted on known vulnerabilities”

Gartner group research, . December 1st. 2007

“ By the end of 2007, 75% of enterprises will be infected with undetected, financially motivated, targeted malware that evaded their traditional perimeter and host defenses”

Gartner group research. December 1st. 2007

“ Health and viability of every large business is heavily dependent on the security of its IT infrastructure”

Forester, Feb 2007

“ ...over half of all companies ... have sustained data breaches ... roughly one-third of those incidents directly resulted in **financial losses**. “

Deloitte Touch Tohmatsu, Jun 07

“ 70% of all threats are coming from flaws in browsers / web-based programs.
New malware more devious / complex / hard to detect, Slower to propagate, stays hidden longer.
Lessens effectiveness of reactive solutions
Emphasizes importance of proactive protection”

Symantec research group , Jan 2007



The screenshot shows a CNET News.com article titled "The security risk in Web 2.0" by Joris Evers, published on July 28, 2006. The article discusses the security challenges of Web 2.0, noting that as features are added, security is often neglected. An advertisement for an HP nc6400 Business Notebook is featured, highlighting its lightweight design and long battery life. Below the ad, a "Deal of the Day" is promoted, offering a \$28 discount on an all-in-one iPod sound system from OneCall.com. The browser's taskbar at the bottom shows the "Internet" icon and a 100% zoom level.

NEWS.com Log in | Sign up Why join?

Today on CNET Today on News

Surfing the net according to...
By Matthew...
Special to CNET...
Published: September 28, 2006
TalkBack Digg this

Company pick up on surfing the net according to...
Nearly 40...
surveyed...
a virus or...
had imple...
said in its...
malicious...
primarily...

Attacking Windows PCs: Internet Explorer the Net, experts say
By Joris Evers
Staff Writer, CNET News.com
Published: September 28, 2006
TalkBack E-mail Print del.icio.us Digg this

Computer code exploits Windows PC: Internet Explorer the Net, experts say
The code was...
where it is...
it to craft...
computers...
the company...
Thursday.

"Microsoft's...
exploit code...
memory corru...

NEWS.com Log in | Sign up Why join?

Today on CNET News Reviews Compare prices Tips & Tricks Downloads CNET TV beta

Today on News Business Tech Cutting Edge Access Threats Media 2.0 Markets Digital Life My News Most Popular Extra Blogs Corrections

Search: Go! Options

The security risk in Web 2.0

By Joris Evers
Staff Writer, CNET News.com
Published: July 28, 2006, 4:00 AM PDT
TalkBack E-mail Print del.icio.us Digg this

Web 2.0 is causing a splash as it stretches the boundaries of what Web sites can do. But in the rush to add features, security has become an afterthought, experts say.

The buzz around the new technology echoes the '90s Internet boom--complete with pricey conferences, plenty of start-ups, and innovative companies like MySpace.com and Writely being snapped up for big bucks. And the sense of deja vu goes even further for some experts. Just as in the early days of desktop software, they say, the development momentum is all about features--and protections are being neglected.

advertisement

DO MORE WITH LESS STRAIN.

The lightweight HP nc6400 Business Notebook with the Intel® Centrino® Duo Mobile Technology - only 4.6 lbs.

JUST \$1,199

» GET UP TO 16 HOURS OF BATTERY LIFE*
» SHOP NOW

intel Centrino Duo Dual-core. Do more. hp invent

DEAL OF THE DAY

\$28 off all-in-one iPod sound system

OneCall.com has this all-in-one iPod speaker system for almost \$30 off its regular price. That price includes 3-day FedEx delivery. [Read more...](#)

Done Internet 100%

What is Jetro COCKPIT2i ?



For over 7 years, Jetro Platforms has delivered a world class server-based computing solution (Jetro COCKPIT) for IT organizations world wide.

COCKPIT2i, introduced in 2007, is the first server-based, secure web browsing solution available on the market.

COCKPIT2i is the only solution that provides enterprises with 100% protection against all risks of internet browsing.

COCKPIT2i introduces a revolutionary concept to address one of the largest problems facing the business world today.



Jetro COCKPIT2i – Separate Networks, Same Desk



Browse the internet from a **separate network** environment, but from the **same desktop**.

As such COCKPIT2i provides the highest possible level of security and the best user browsing experience while maintaining full productivity:

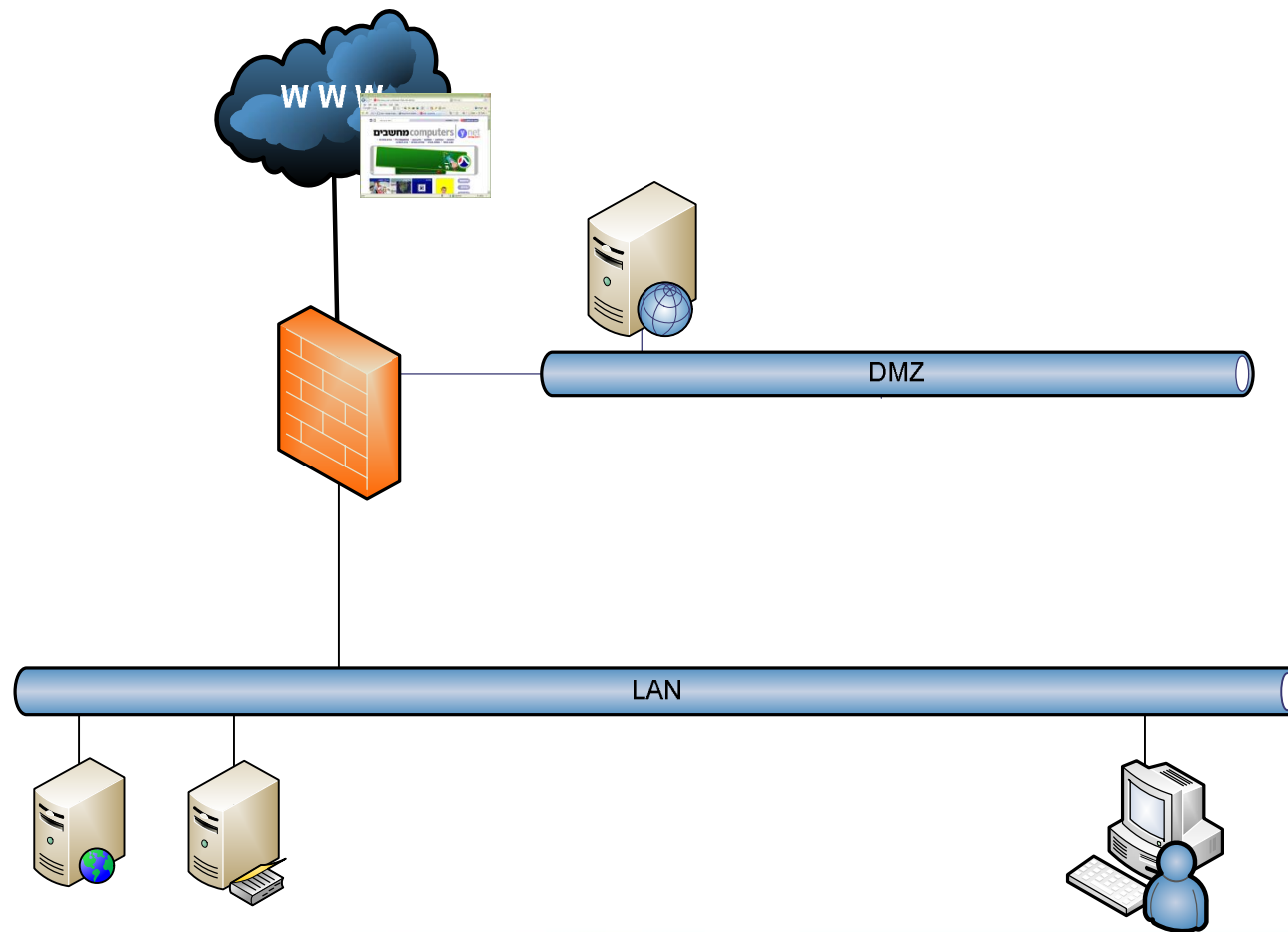
§ **Highest level of network security**

§ **Best user browsing experience**

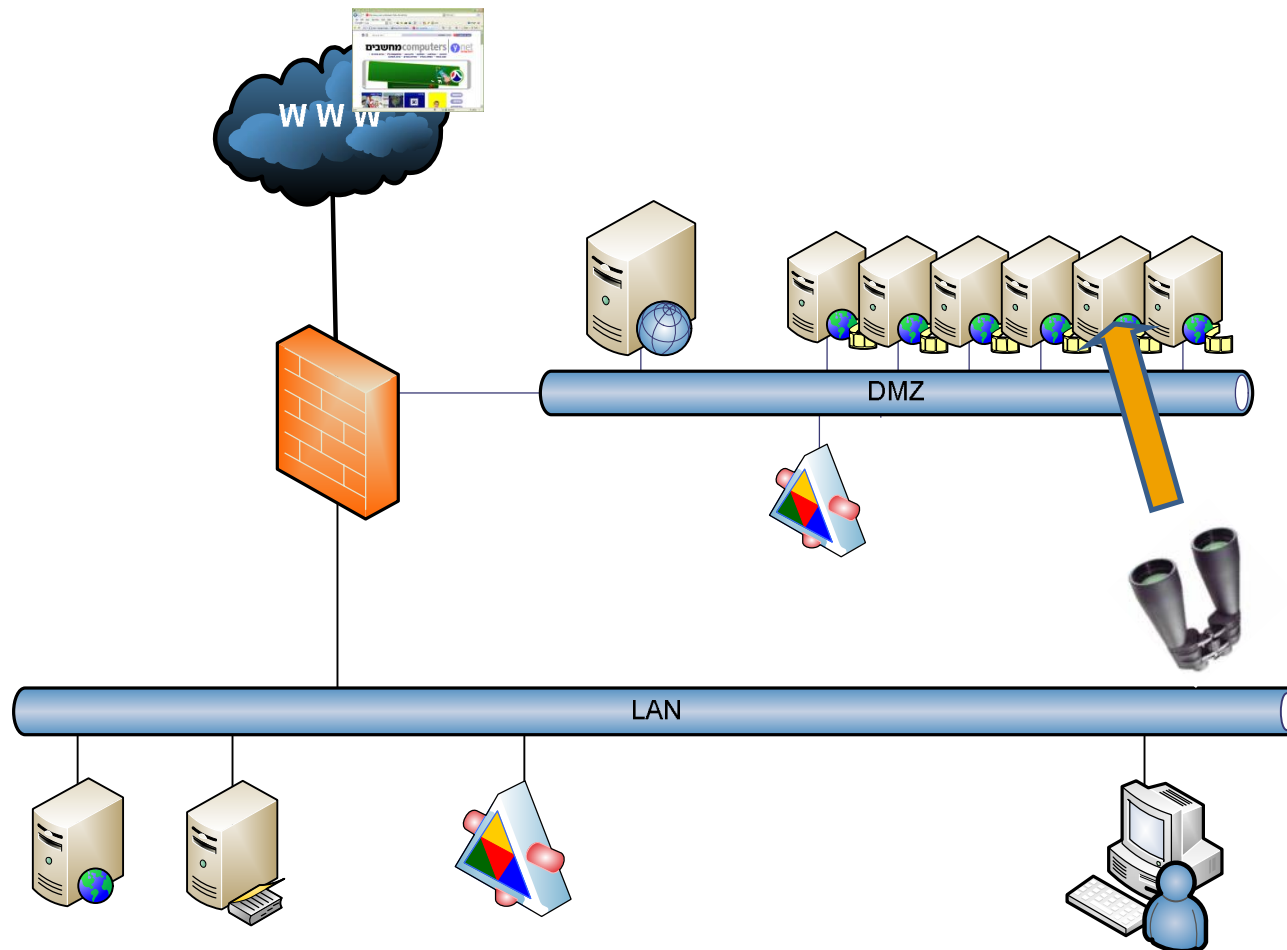
§ **High user productivity**



Desktop Based Web Browsing



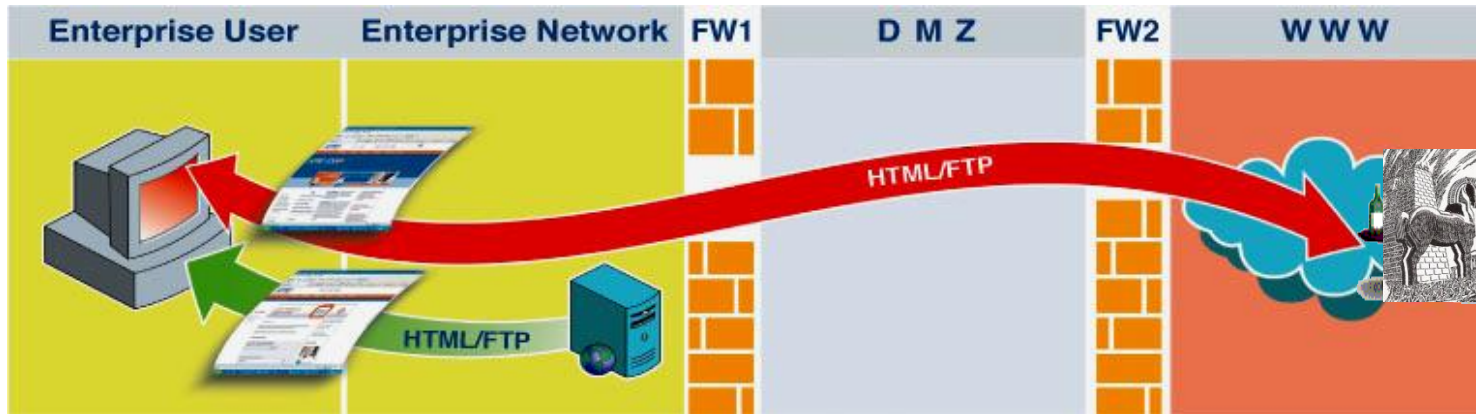
Web Browsing using COCKPIT2i



What is the difference ?



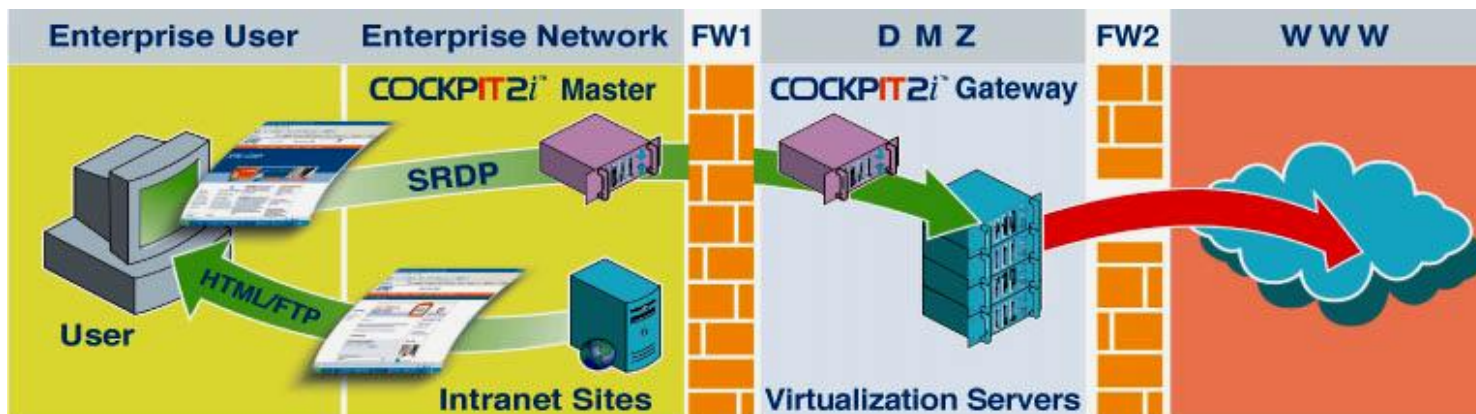
Desktop- (Traditional) Browsing Environment



HIGH RISK

Open connection between user's desktop and the internet, allows malicious code to travel into the network.

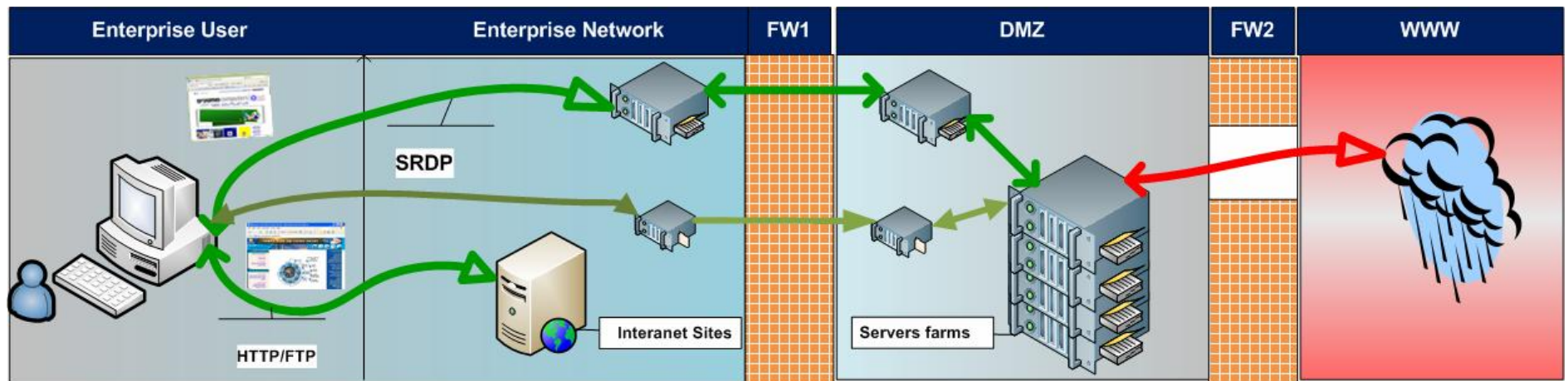
Jetro COCKPIT2i - Virtual Browsing infrastructure



SECURE

No connection between user's desktop and the internet. All ports are closed at the firewall. Only safe, video-like format enters the network.

How it Actually Works?



Not a Statistic solution !



Unknown threats will not be identified by conventional and commercially available security solutions

COCKPIT2i Safety Glass[®] Unmatched Technology



§ Best User Experience.

Nothing changes for the user. No need for training. Single browser, unified Log-in, synchronization, favourites, cookies, links, copy and paste, print; “send to me”, file “secure download”.

§ Highest Security

Single IP, locked down FW, Identification management, anonymous virtual users and virtual passwords at DMZ, URL management and filtering, monitoring, logging, recording, reporting, files whitening (PSG-OEM), print conversion.

§ Best Performance, redundancy and scalability

5 times more users per terminal server, 1/5 login time, multi zone, multi farm, more advanced load balancing, flash manager, cookies packing to metafile- managed per user, print compression, file whitening.

Admin tools: Identity management, one user list, Separate reporting and monitoring center, user shadowing capabilities, and standard environment.



Competitive Analysis (From Comsec Consulting white paper, April 2007)



Network Security Concepts	Physical Separation	Terminal Browsing	Web Proxy	Secure Desktop Web Browsers	Local Virtual Browser	Jetro 5 COCKPIT2i
Sample products/vendors	Two separate networks & separate workstations for web browsing	<ul style="list-style-type: none"> Terminal Server Citrix PS4 VM 	<ul style="list-style-type: none"> Blue Coat PineApp Radware CheckPoint 	<ul style="list-style-type: none"> Internet Explorer 7 Firefox Amust Defender-1 	<ul style="list-style-type: none"> VM ware Mojopac GreenBorder Fortress Grand Virtual Sandbox 	COCKPIT-to-Internet from Jetro Platforms
<u>Protection against web browsing risks.</u>	High	Medium - High	Medium - High	Low	Medium	High
<u>Management, monitoring and control.</u>	Low	Low - Medium	Medium	Low	Low	High
<u>User productivity and web browsing experience.</u>	Low	Low	Medium	High	Low - Medium	Medium - High
Summary	High Cost, low user productivity and poor satisfaction. High security if well implemented and forced on all users.	Medium-High level of security, very low user experience and Productivity; High deployment cost making it not attractive.	High level of security against known threats, low protection against new ones. limited user experience.	New generation of browsers still provide low security against the growing threats and have no centralized monitoring and no web usage control.	Low to Medium security; deployment difficulties; low productivity.	Maximum level of security; good user experience; high productivity; good centralized monitoring and web usage control.

Main Conclusions by Comsec Consulting Group



How is it different?

All existing network security solutions try to identify the malicious objects (coming through the open ports at the Firewall) in order to eliminate them. Those detection and filtering solutions require daily updates and while they may provide good protection against known threats, they provide insufficient (if at all) protection against new and unknown threats.

COCKPIT2i does not deal with the different threats coming from the internet, it simply keeps them all outside the network and does not let any data in.

Main Conclusions

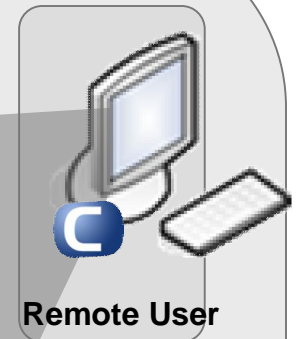
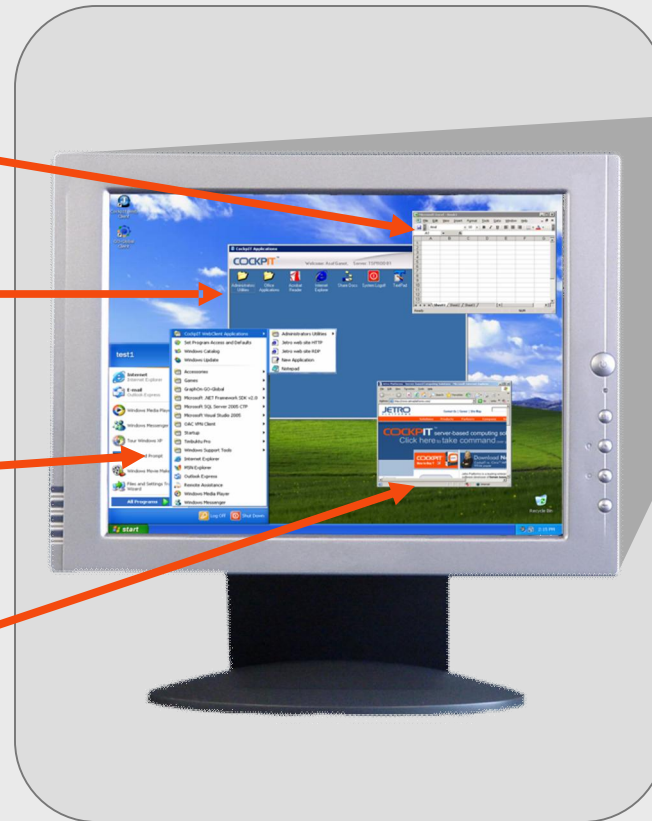
We compared the different types of solutions to protect the corporate network from the internet and have found that each type of solution has its disadvantages. While a combination of different solutions may provide a fair solution, it still exposes the network to many risks. We have found that COCKPIT2i, which was designed specifically for enterprise secure web browsing, provides the best performance, manageability and usability, while maintaining the highest possible level of web access security for its customers' networks.

Jetro COCKPIT - Best User Experience



* Local and Remote Unified Browsing Experience

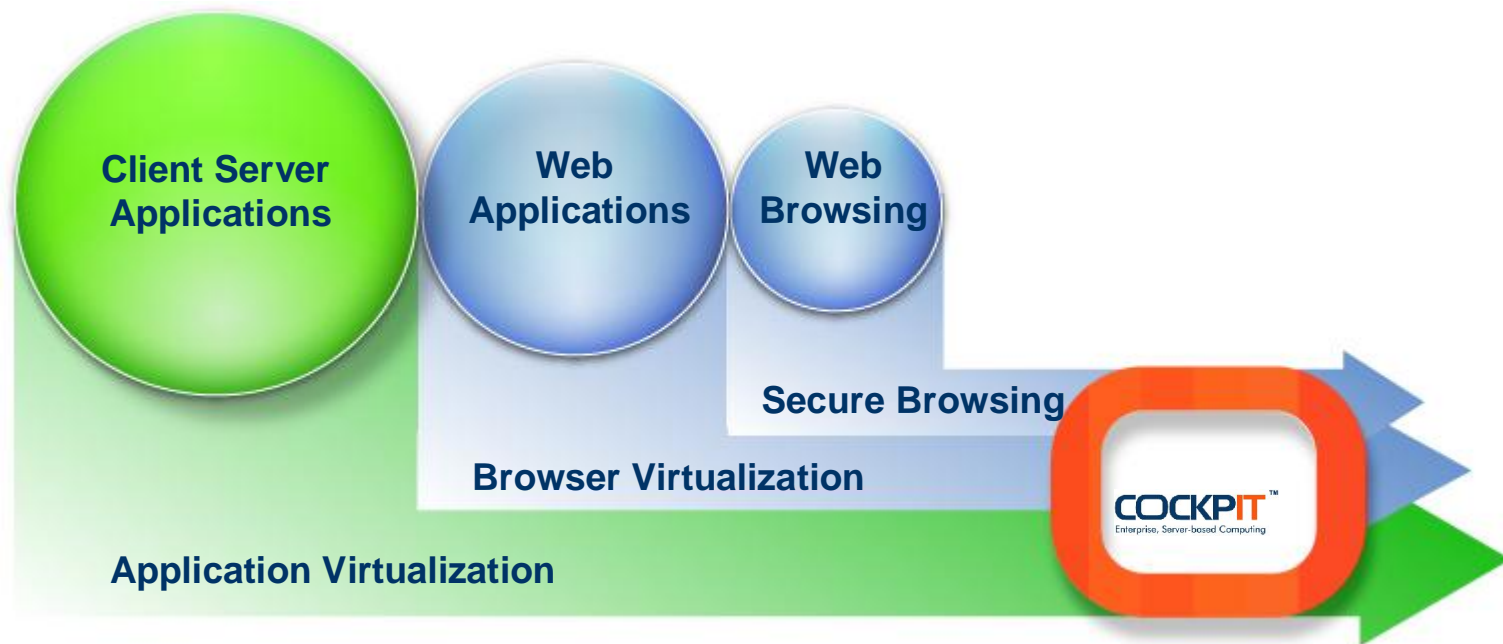
- * **End-To-End Seamless use**
Seamless web and applications
- * **Application Panel**
Shows icons of published application (remote and/or local)
- * **Start Menu**
Icons are integrated into the local start menu web portal
- * **Web Browser + Intranet Site**
Local and remote explorer automatic switching accelerated,



End-To-End Enterprise Browsing solution



- n Local and remote automatic and seamless web browsing
- n Application virtualization, Office document remote access, edit and save, files download, printing and “send to me” mechanism.





Thank you.

Please contact:
Giora Shaked, CEO.

Giora.shaked@jetroplatforms.com

www.jetroplatforms.com 