

PATCH

TUESDAY

14

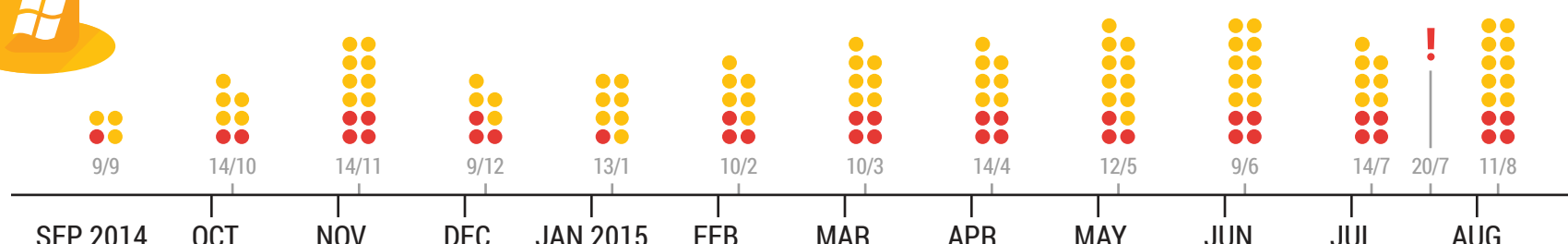
# How much is Patch Tuesday costing your IT team?

In 2003, Microsoft began regularly releasing security patches for Windows on the second Tuesday of each month. In addition to the dozen Tuesdays each year, emergency “out-of-band” (OOB) patches may be released at any time. This infographic shows how much it costs to keep your Windows environment up to date, and how much you can save by being more efficient.



## MICROSOFT PATCH TUESDAYS SEPTEMBER 2014 - AUGUST 2015

● CRITICAL PATCH ● IMPORTANT PATCH ! EMERGENCY OUT-OF-BAND PATCH



In the past 12 months, Windows required patching 13 times. Each patch takes at least 3 to 4 hours.

A few hours every month doesn't sound too bad. Until you take into account the fact that many IT departments face a related problem that makes patching a massive undertaking:

## im·age sprawl / imij • sprôl /

noun, technical slang

- the presence of many “Gold Images” as a result of having to:
  - compensate for app virtualization limitations by “baking” applications into images
  - customize images to run on different desktop platforms and clouds

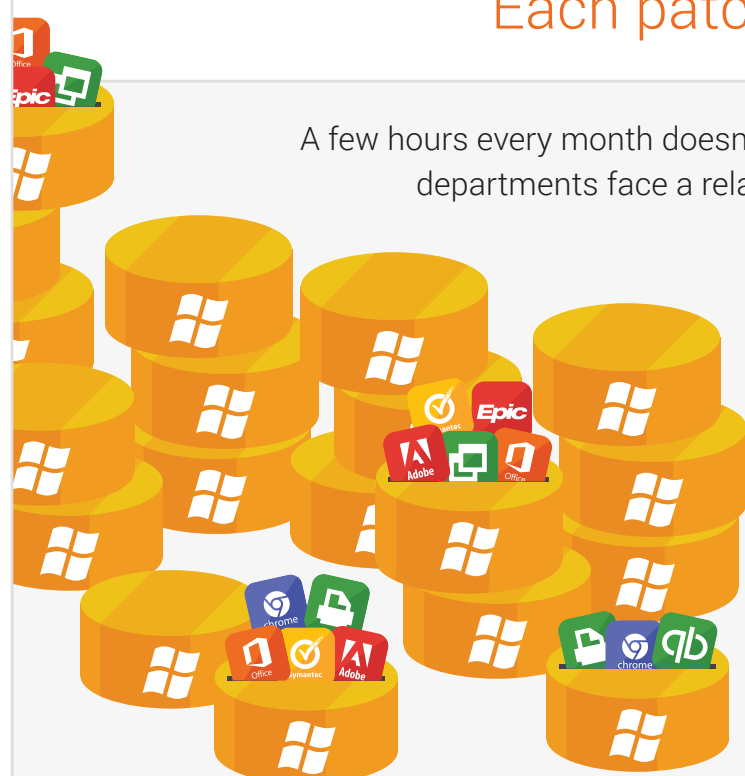
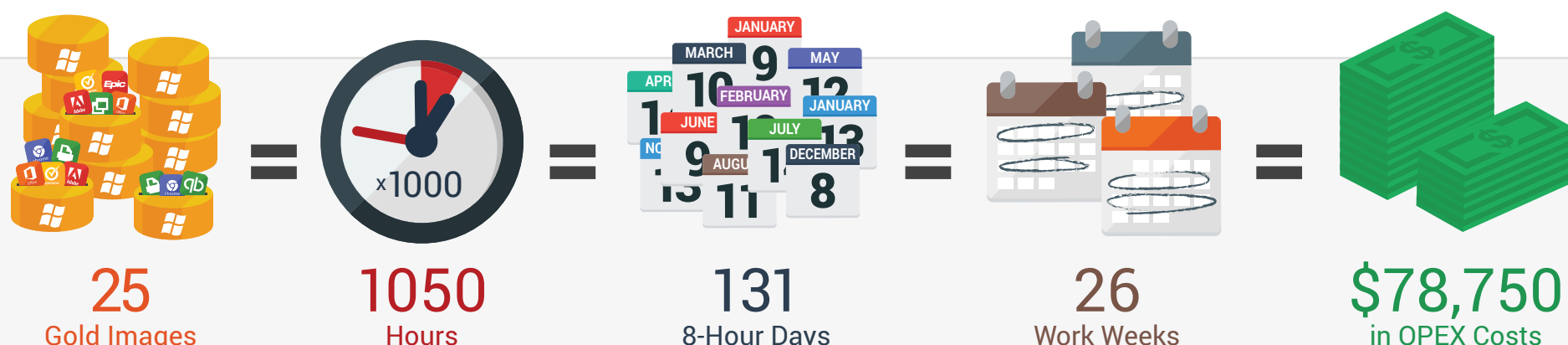


Image Sprawl & Annual Cost of Patch Tuesdays.xls

	A	B	C	D	E		G	H	I
1									
2							Cost per year:	Cost per year:	
3		14 Patches per year			# of Images	Hours per year	Junior IT \$	Senior IT \$	
4		3 Hours per patch			1	42	\$ 1,470	\$ 3,150	
5					10	420	\$ 14,700	\$ 31,500	
6					25	1050	\$ 36,750	\$ 78,750	
7	\$	75	Cost per hour, senior IT staff		40	1680	\$ 58,800	\$ 126,000	
8	\$	35	Cost per hour, junior IT staff		100	4200	\$ 147,000	\$ 315,000	
9									

Patching 25 Gold Images requires 1000+ hours per year!



## How did we get here?

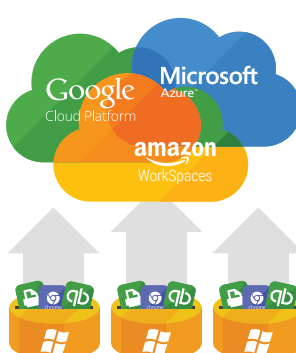
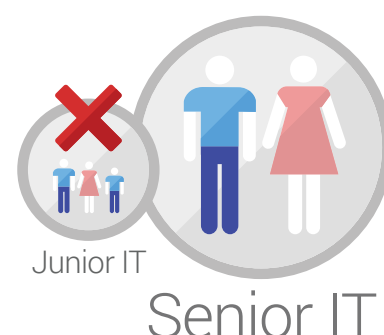


App virtualization issues force IT pros to bundle apps with Windows.

Apps that can't be virtualized. Lack of interoperability. Lengthy packaging processes. This is how baking apps into the Windows image starts. Then, more images are created to meet unique user needs and to avoid licensing every app to every user.

Image management is too difficult for Tier 1 IT or Helpdesk staff.

Anti-virus baked-in? EMR? Office? ERP? Printer drivers? Even if the app itself can be installed quickly, now you have to re-test the entire Windows image. And keep track of all the variants. These highly manual processes are hard to transition to junior IT staff.



Every cloud platform adds image management overhead.

VDI with Citrix XenDesktop, Microsoft RDS, or VMware Horizon, shared sessions with Citrix XenApp or Microsoft RDSH. Apps and desktops in the cloud with Amazon, Azure, or Google. You now have to keep Windows patched in more places than ever before.



Patch Tuesday, plus Baked-In Apps, plus Image Sprawl can cost an IT department hundreds of thousands of dollars a year!



More than 1000 Unidesk customers have put an end to clumsy baked-in application workarounds, wasteful image sprawl, and marathon Patch Tuesdays.

Learn how at [www.unidesk.com/PatchTuesday](http://www.unidesk.com/PatchTuesday)