

The new Windows Platform

Daniel Meixner, Frank Prengel, Christian Binder
Microsoft

One core, many form factors

Microsoft Cloud Services



OS

WP8

Windows RT

Windows 8

Proc.
Arch.

ARM

x86/x64

Kernel

Windows 8 Core Components

Windows 8

Demo

Windows Store app delivery

Download from
Windows Store

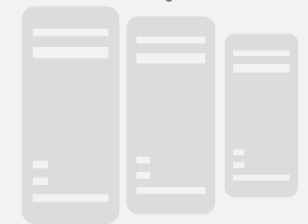
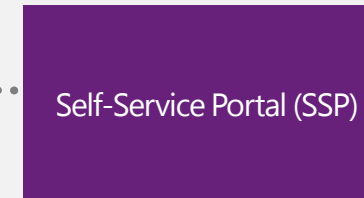


Windows RT



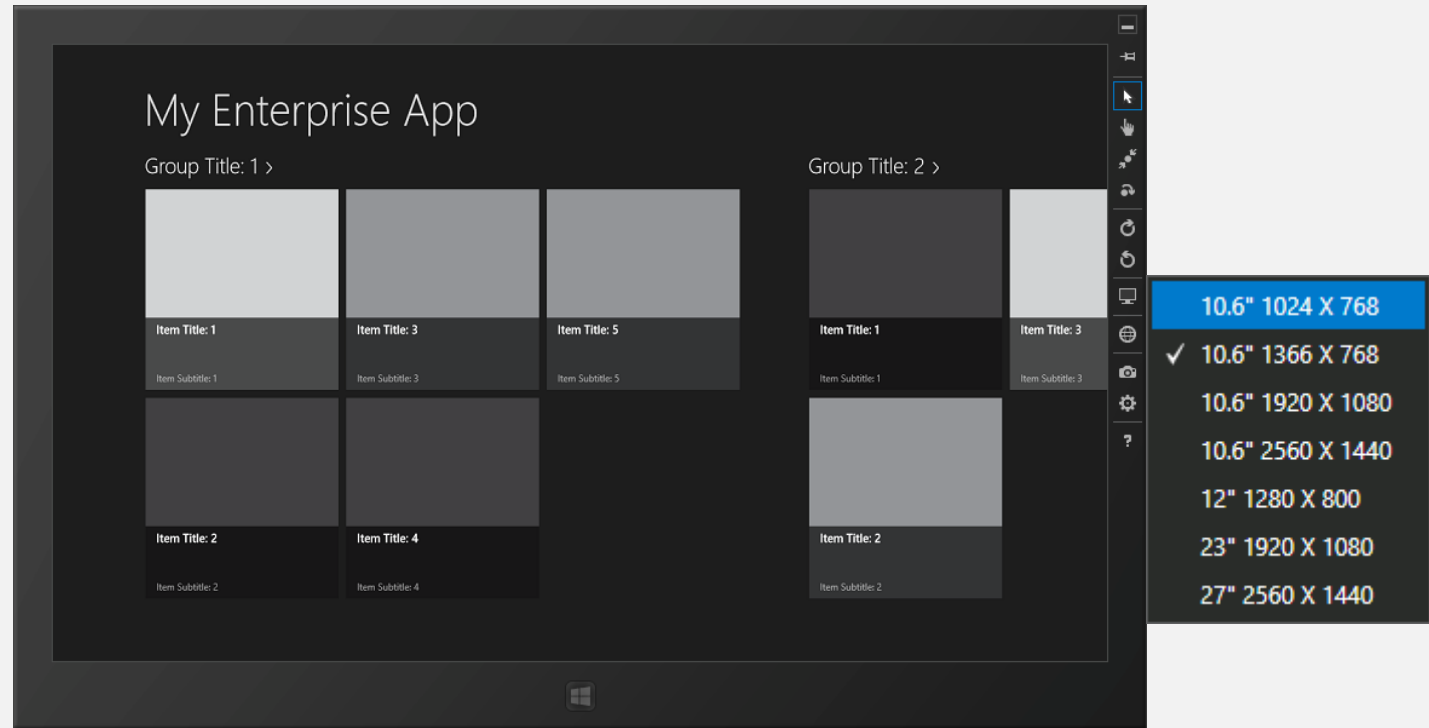
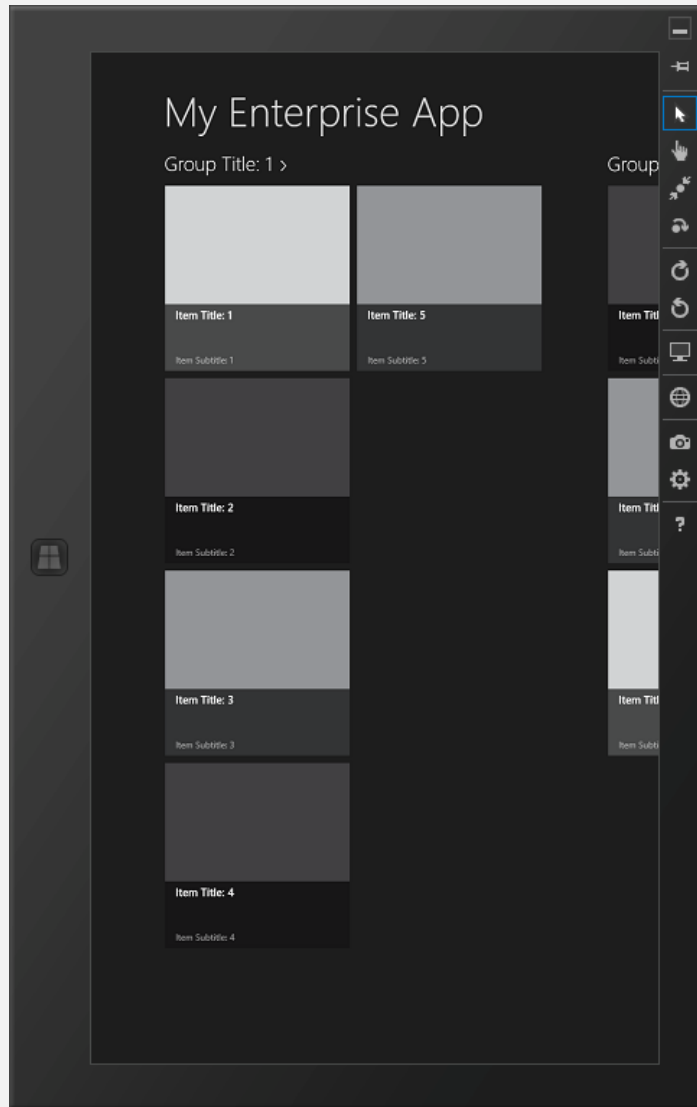
Windows 8 (x86)

Sideload from
customer infrastructure



Custom LOB apps
application delivery

Windows 8 Tools



Windows Phone 8

Demo

WP8 Tools

System requirements

Supported operating systems:

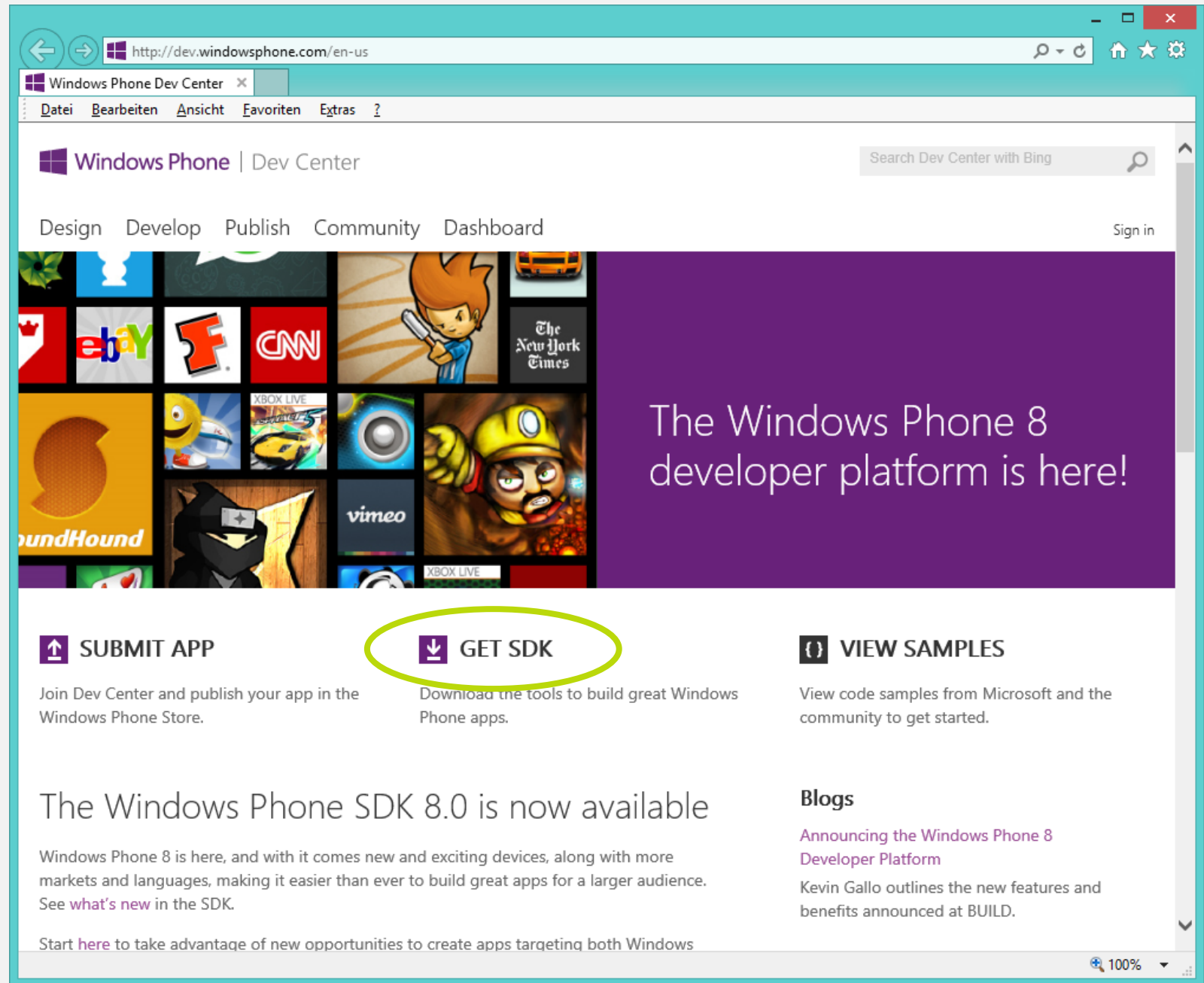
Windows 8, Windows 8 Pro
Windows 8 64-bit (x64) client
versions

Hardware:

4 GB of free hard disk space
4 GB RAM
64-bit (x64) CPU

Windows Phone 8 Emulator:

Windows 8 Pro edition or greater
Requires a processor that
supports Second Level Address
Translation (SLAT)



Windows Phone SDK 8.0



Application
Deployment



VS Express for
Windows Phone



Windows Phone
Developer...



sdkWalletMembershipDealsWP8CS - Microsoft Visual Studio Express 2012 for Windows Phone

FILE EDIT VIEW PROJECT BUILD DEBUG TEAM DESIGN FORMAT TOOLS WINDOW HELP

Device Release ARM

Document Outline

Toolbox

Search Toolbox

Common Windows Phone ...

- Pointer
- Border
- Button
- CheckBox
- Grid
- Image
- LongListSelector
- Map
- RadioButton
- Rectangle
- StackPanel
- TextBlock
- TextBox

All Windows Phone Controls

- Pointer
- Border
- Button
- Canvas
- CheckBox
- ContentControl
- DrawingSurface
- DrawingSurfaceBackg...
- Ellipse
- Grid
- HyperlinkButton
- Image
- LongListSelector
- Map
- MediaElement
- MultiScaleImage
- Panorama

MainPage.xaml

Adventure Works

Welcome to the Adventure Works Wallet Application.

membership

Tap membership to manage your Adventure Works membership.

coupons

Tap coupons to see Adventure Works' current promotions.

```
FontSize="{StaticResource PhoneFont...
Foreground="{StaticResource PhoneFo...
SupportedOrientations="Portrait" Or...
shell:SystemTray.IsVisible="True">

<!--LayoutRoot is the root grid whe...
<Grid x:Name="LayoutRoot" Background...
<Grid.RowDefinitions>
  <RowDefinition Height="Auto">
  <RowDefinition Height="*" />
</Grid.RowDefinitions>

<!--TitlePanel contains the name...
<StackPanel x:Name="TitlePanel"
  <TextBlock x:Name="PageTitle"
  <TextBlock x:Name="MainViewW...
</StackPanel>

<!--ContentPanel - place additi...
<Grid x:Name="ContentPanel" Grid...
<Grid.RowDefinitions>
  <!--Membership Button Ro...
  <RowDefinition Height="..."
  <!--Membership Instruct...
  <RowDefinition Height="..."
  <!--Coupon Button Row--...
  <RowDefinition Height="..."
  <!--Coupon Instruction I...
  <RowDefinition Height="..."
</Grid.RowDefinitions>
<!--ListBox of options-->
<Button Grid.Row="0" Name="..."
<TextBlock Grid.Row="1" x:N...
<Button Grid.Row="2" Name="..."
<TextBlock Grid.Row="3" x:N...
```

Solution Explorer

Search Solution Explorer (Ctrl+u)

Solution 'sdkWalletMembershipDealsWP8CS'

- MockWebService
 Properties
 References
 Bin
 obj
 Coupon.cs
 Membership.cs
 MockWebService.cs
- WalletAgent
 Properties
 References
 MyWalletAgent.cs
- WalletMembershipDealsApp
 Properties

Properties

Name PageTitle

Type TextBlock

Search Properties

Arrange by: Category

- Brush
- Appearance
- Common
 CacheMode
 Text Adventure Works
 DataContext
- Layout
- Text
- Transform
- Miscellaneous

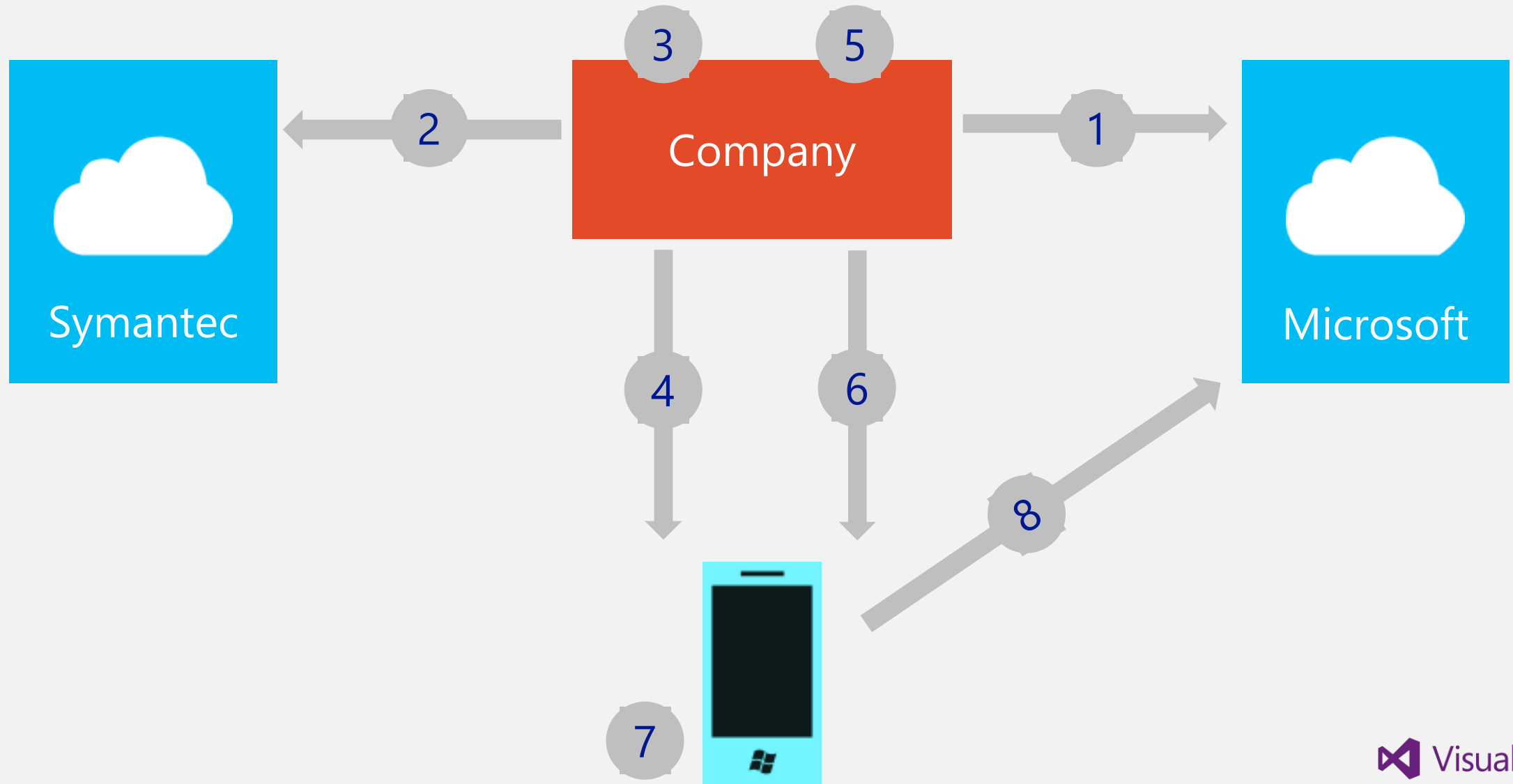
Output

Show output from:

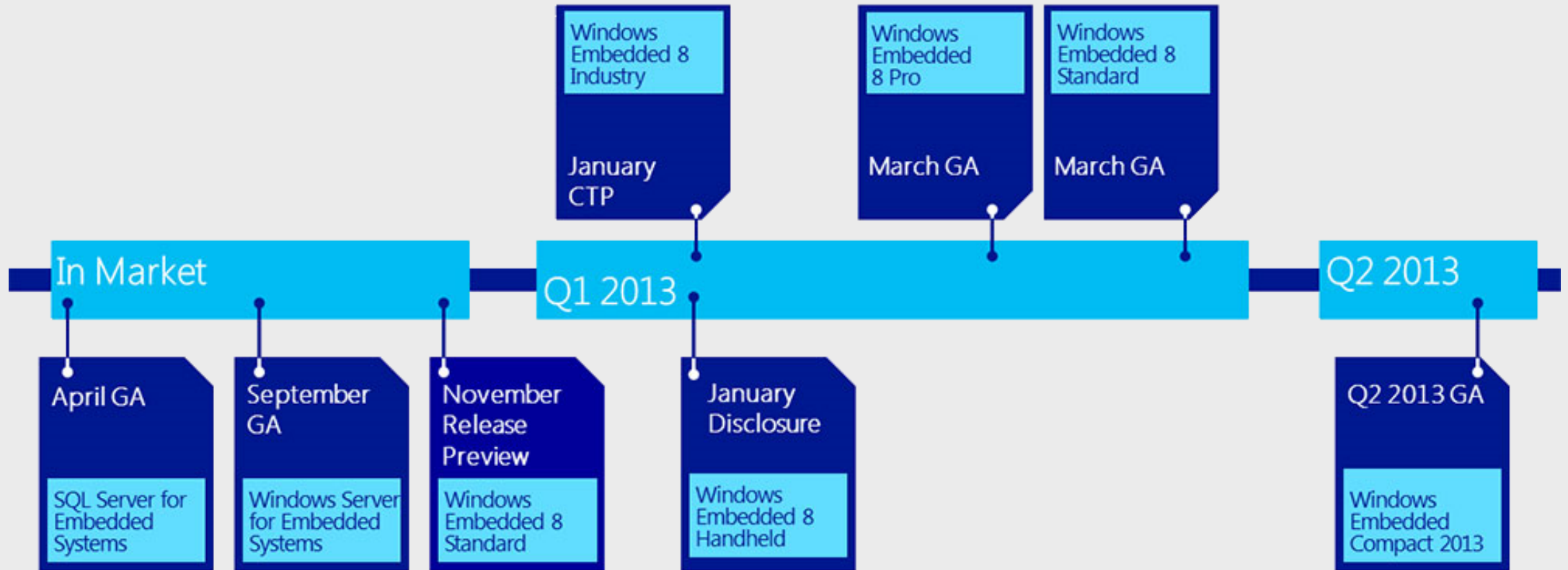
Bookmarks Error List Output

Ready

Deploying WP8 Enterprise Apps



Windows Embedded



Windows a solid platform

Microsoft's security team is killing it: Not one product on Kaspersky's top 10 vulnerabilities list

4574

Use ← → keys to navigate

NEXT >



Emil Protalinski

Contact Author

2 November 2012

Updated at 11:57 CET

Security firm Kaspersky has released its latest IT Threat Evolution report. There were some interesting findings in the report, as always, but the most interesting thing that stuck out was all the way at the bottom:

1. **Oracle Java Multiple Vulnerabilities:** DoS-attack (Gain access to a system and execute arbitrary code with local user privileges) and Cross-Site Scripting (Gain access to sensitive data). Highly Critical.
2. **Oracle Java Three Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Extremely Critical.
3. **Adobe Flash Player Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Gain access to sensitive data. Highly Critical.
4. **Adobe Flash Player Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Bypass security systems. Highly Critical.
5. **Adobe Reader / Acrobat Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Extremely Critical.
6. **Apple QuickTime Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Highly Critical.
7. **Apple iTunes Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Highly Critical.
8. **Winamp AVI / IT File Processing Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Highly Critical.
9. **Adobe Shockwave Player Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Highly Critical.
10. **Adobe Flash Player Multiple Vulnerabilities:** Gain access to a system and execute arbitrary code with local user privileges. Bypass security systems. Gain access to sensitive data. Extremely Critical.

Windows Phone 8 Security

- BitLocker device encryption
- UEFI Secure Boot
- IRM
- App sandboxing
- All public apps certified by MS
- Plugin-free browser

Windows Phone 8 is much safer than Android, says Mikko Hypponen

Microsoft's mobile operating system should remain safe for a while

By [Alastair Stevenson](#)

Mon Nov 05 2012, 13:21



SOFTWARE HOUSE Microsoft's Windows Phone 8 is the safest mobile operating system available, according to F-Secure security chief Mikko Hypponen, who added that Android remains a haven for cyber criminals.

Hypponen highlighted the inherent security features of Windows Phone 8, telling The INQUIRER that F-Secure has yet to detect a single piece of mobile malware targeting Microsoft's mobile operating system.

"Windows Phone is safe, we've seen no malware at all targeting the platform. You

LOB Apps

⌕ SAP Business One Mobility Demo

Updates (3)

SAP BUSINESS ONE MOBILITY

★★★★★
1 rating
Free

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Category: **Business**
Download size: 410 KB
Age rating: 16+
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Copyright © 2012, Graylogic

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✖

★★★★★
9 ratings
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⌕ Angry Birds Star Wars

Updates (3)

ANGRY BIRDS STAR WARS

★★★★★
82 ratings
€3.99

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Category: **Games > Arcade**
Download size: 40,7 MB
Age rating: 3+

Overview Details Reviews



Description

JOIN THE ANGRY BIRDS IN THEIR BIGGEST ADVENTURE YET!

A long time ago in a galaxy far, far away... a group of desperate rebel birds faced off against a galactic [Read more](#)

Learn more

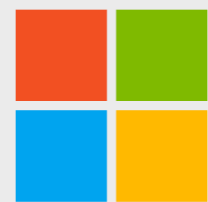
[Angry Birds Star Wars website](#)

[Angry Birds Star Wars support](#)

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Microsoft