

**American International University-Bangladesh**

**INTRODUCTION TO COMPUTER STUDIES**

**Report on Open Source vs. Commercial Software**

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**INTRODUCTION**

Microsoft Windows operating system, IIS web server, Microsoft SQL Server database and ASP .NET programming language. Before we compare the two more closely, it is important to understand the fundamental differences between open source and commercial software. Commercial systems are created and supported by for-profit companies that typically sell licenses for the use of their software and that are driven by maximizing profits. Open source systems are overseen by dedicated communities of developers who contribute modifications to improve the product continually and who decide on the course of the software based on the needs of the community.

**Open Source vs. Commercial Software**

1. **Open source**

Open source offers a multitude of functions at little to no cost. open source options offer a broad range of capabilities, including e-commerce, blogs, portals, and wikis. Open source is constantly updated and adapted. Communities of web developers who work with open source are constantly modifying code to meet the needs of its users.

1. **Commercial Software**

Commercial Software is software that’s made and delivered for purely commercial purposes. One of the main reasons why companies choose commercial software is because they know that if a certain issue arises, you have a huge team that you can address it to, and they’ll take care of it.

**Three main things:**

* Commercial software packages will offer more features than open source.
* Commercial software will want to keep you a happy paying customer, therefore they provide support, while the open source versions are usually unsupported.
* And, of course, open source software is free, while commercial is paid.

**Conclusion**

Both commercial and open source have their own benefits and drawbacks and they mutually have their own share in today’s market. It is the user’s perspective to view which stands where and what type of software have which kinds of provision. Probably, it seems that the open source is leading gradually to beat the commercial dominance.

**Reference**

<https://www.infostretch.com/blog/open-source-software-vs-commercial-software/>

<https://echoua.com/commercial-vs-open-source-software-the-benefits-and-drawbacks/>