

Tracking Your Fasteners

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Never Heard of Linux — Think Again

The authoritative technical website, **www.zdnet.com**, knows all about Linux. The site says, "There are over a billion Linux end-users in the world in 2014. Yes, that's right, a billion."

Fedora Vs. Windows®

Fedora (formerly Fedora Core) is our choice for The Business Edge. Fedora is a Linux distribution developed by the community-supported Fedora Project and owned by **Red Hat**.

Fedora contains software distributed under a free and open-source license and aims to be on the leading edge of such technologies. Fedora has a reputation for focusing on innovation, integrating new technologies early on and working closely with upstream Linux communities.

Linux is New

The Linux kernel was initially conceived and created in 1991 by Finnish computer science student, **Linus Torvalds**. Linux rapidly accumulated developers and users who adapted code from other free software projects for use with the new operating system. Windows® was announced by **Microsoft** in 1982.

Windows is Monolithic

Windows has a monolithic approach to its software. Since it is proprietary, all core support ultimately comes from Microsoft. Conversely, Linux is Open Source, and changes, all the way down to the core support, are provided by the user community. Windows advances continue, but they tend to be slower and more complicated to use to the client's advantage.

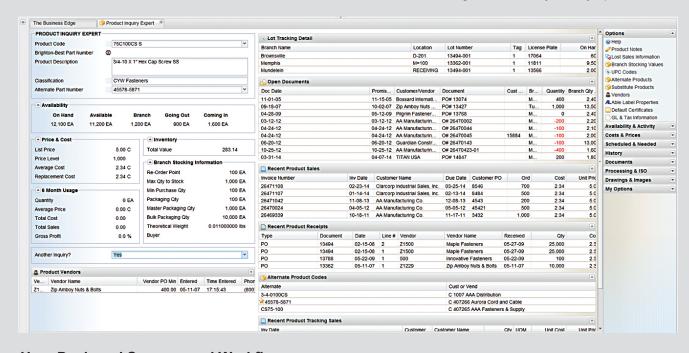
Android is Linux

The **www.Zdnet.com** website also says, "With the rise of smartphones, Android isn't just the top Linux enduser operating system, it's on its way to being the top end-user operating system of all."

The Business Edge Linux Server

At **Computer Insights, Inc.**, we have chosen Linux as our server operating system for several reasons:

1. It fully supports our Agile Programming methods. We are able to provide our clients with continuous updates without interfering with their day-to-day operations.



User Designed Screens and Workflow

Each user can choose exactly what will be on his or her screen, the sequence and the field lengths. No programming is involved. **2.** We are able to support any workstation that the client wishes to use. These include Microsoft PCs, Macs, Linux Workstations and a wide variety of mobile devices.

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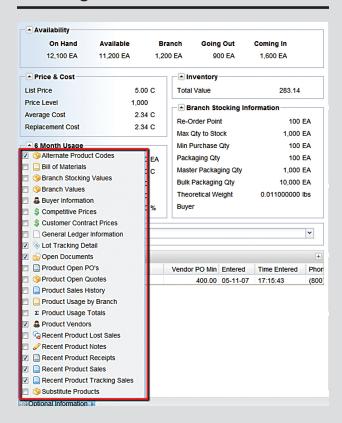








Tracking Your Fasteners ...continued



- **3.** It has enabled us to create our advanced User Defined Desktop design that provides each user with extensive control over his or her screen layout and workflow. This adds efficiency.
- **4.** We do not have to force our clients to pay for annual license fees for their operating systems.
- **5.** We have complete control over the security and our clients have no worries about breaches or intrusions. They don't have to pay extra for virus software and then apply all the patches constantly.
- **6.** We have support of the entire Linux community and enough control over the environment that we can easily "tune" systems for each client's optimum performance.

Many Programmers Prefer Linux

- **1. Security.** Linux is extremely secure and since the security can be individually tailored, the programmer can tell exactly how the system is breached, if it ever is.
- **2. Upgrade ability.** It is very easy to upgrade Linux to the newest release.
- **3. Price.** Common, Linux is free. You may already have Windows, but how many programs for Windows are free?
- **4. Experience.** Using Linux is like a revolution. The programmer gets complete control over the computer.
- **5. Customization.** Don't like the programming environment? Change to another one. Each environment has

many customization options.

- **6. Performance.** Linux uses less RAM and CPU than Windows or OS.
- 7. Support. Let's face it, Linux has awesome forums.
- **8. Large selection of software.** The Linux community has a large selection of software. Computer science majors need compilers, libraries, multiple environments, etc., all of which are available with Linux (GNU/LINUX).

Windows and Linux Both Have a Place

Neither Windows nor Linux has enough advantages that one should choose their ERP System based solely on the operating system. The true test of a proper choice for the company's complete software package lies in the capabilities of the software and the quality of the support provided.

Windows continues to be the dominant provider of desktop operating systems, but desktops are declining and being replaced by all sorts of mobile devices. Linux is the clear leader in mobile devices and at the server level, Linux has captured more than 70% of the Internet server market. Companies that are processing millions of transactions per second, e.g., **Google**, **Amazon**. **Com**, **Facebook** and even most financial institutions rely on the stability, security and performance of Linux. Each operating system has advantages and disadvantages. Don't let anyone tell you otherwise.

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Dennis, R. Cowhey, COB – Started Computer Insights in 1981. He served for many years on the Illinois CPA Society Computer Information Systems Committee. He is a frequent author of articles for industry trade magazines. Before starting Computer Insights, he served as Central District Manager for a division of Litton Industries (now part of Rockwell), that offered inventory control systems to retailers. Prior to that, he was a Credit and Financial Analyst for National Credit Office division of Dun & Bradstreet, Inc. Cowhey received his education at Chicago City College and DePaul University.

Computer Insights provides The BUSINESS EDGE 2.0 software for efficient tracking of fasteners. www.ci-inc.com

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