

Ruben it !

Jason's deli

Deli-iscious

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Linking it all together

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Absolute antivirus

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Legacy nuggets

Here at Dignus everyone sees Mike's MacIntosh which never is challenged by a Virus. We don't get many Virus's but we were speaking with one of our major partners and found out recently that they had been crushed by a virus attacking their build machines. Were they up-to-date on Norton or McAfee? We're not sure, but if a brand new Virus appears there won't be any protection at all. We have been working with a new partner who has evolved a behavior based product that absolutely guarantees a new Virus will be caught before it can be unleashed on your development or build server.

Malicious code attacks are costing enterprises four times as much as they did in 2002, according to a recent study by Britain's Corporate IT Forum.

The forum, an organization of IT professionals from some of the U.K.'s largest blue-chip companies, estimates that each incident costs an average of \$213,000 in man-hours and related costs. That's a hefty upturn when compared with the results from a 2002 survey conducted by Britain's Department of Trade and Industry (DTI) and PricewaterhouseCoopers. That study put the per-incident price tag at \$52,000. Three quarters of the administrators surveyed by the Corporate IT Forum reported an average of 365 man-hours lost. Of those, one-third reported an average of 3,080 man-hours lost. We believe so strongly in the InDefense product set that we wanted to offer that capability to our customers.



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Winners Circle

Zero Tolerance for Viruses

InDefense, Inc.



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SOLUTIONS OF MERIT

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At least once a week Dignus staff raids the Deli. I'm talking piled high pastramie on rye with a side of loaded chili. What did we say about watching you health. Last time we visited Jason's we decided to go healthy and had the soup and salad which was great. Just the sheer terror of having healthy food was going to make our day so righteous.

What makes the trip to Jason's so good is the entertainment value of the behind the counter crew hustling their buns to put all the combinations together for a crowd that arrives at 11:55 and disappears at 12:55. That hour of total saturation cleans out our brain cells and clears the slate for another productive afternoon.

A quote from Jason, "By setting the bar high for ourselves we have been able to produce consistent quality and excellent service for our customers". This is the basis for the growth and success of Jason's Deli. Jason's Deli is not your typical franchise opportunity. Over 60% of our units are company owned.

Marketing Dimensions



InDefense develops software that provides behavior based detection solutions targeting Internet-enabled viruses and malicious code. At the core of InDefense's technology is the InDefense Dynamic Code Analysis (IDCA) method of virus detection, which does not require the use of virus signature updates in order to be effective. IDCA detects malicious code based on a sophisticated form of behavioral analysis, providing a solution that is equally effective against both known and unknown malware.

InDefense is positioned to become the leader in proactive protection that blocks malicious code attacks on all computing platforms at all points of exposure. The core technology will readily port for the development of proactive solutions to prevent virus infections from exposures like network file shares, instant messaging programs or infected web pages. The InDefense solution set and core IDCA technology also have direct application into web filtering, proactive intrusion detection, next-generation firewall, and spam prevention. In addition, the Company believes it is particularly well positioned in the world of handheld and wireless devices, where its minimal footprint and no-update capability will be well received.

We are looking forward to the product launch and feedback from our existing and new Customers as they evaluate our Dignus Security product " InDefense " www.indefense.com



West Coast Labs is a premiere testing facility for Anti-Virus software. Their testimonial to InDefense is very compelling: In our testing over the last 4 years, InDefense's Achilles' Shield has successfully detected 100% of previously unknown viruses.

Dave's Corner



We have spent a great deal of time looking at what our different customers want to use next. To be able to make life a little easier for the developer, Dignus is in the process of adding a new feature that will deliver more value to existing and future customers of its Cross-Platform compiler products. It is the Dignus “Linker”.

In a busy mainframe computing environment compilation, assembly steps and binding (linkage editing) operations consume a vast amount of machine cycles, and a great deal of wall-clock time. Very large compilation steps are often scheduled for off-hour processing, which means that the programming staff may wait hours or days for the results of a large compilation. This is unacceptable.

Dignus’s Cross-Platform compilers allow programmers to run their compile jobs on Windows, Linux or UNIX platforms. This dramatically improves turnaround time, and offers great savings in mainframe cycle costs and wall-clock time. A Dignus compile job may run twenty times faster on the PC than the same job when it is run on the mainframe. That is a real, bottom-line savings for any large organization.

While our products addressed compilation and assembly we had nothing in place to address the time wasted on binding. Dignus-compiled object modules had to be uploaded to the mainframe for binding operations. That is, until now.

The **Dignus Linker** bypasses the mainframe process and creates a TSO transmit file on the Windows/Linux/UNIX platform, which is then sent to the mainframe. By using the RECEIVE command on the mainframe side, the load module is available for immediate execution. Like our compiler products, the Dignus Linker speeds the binder process dramatically. This feature will be included in the next release of Systems/C and Systems/C++.

Get With It !

by Mike

Diglets

Recently on the IBM-MAIN list, there was a discussion about the necessity of a 64-bit COBOL. Results of the discussion were mixed, but a large part of the discussion centered on the ability of COBOL to call 64-bit C code. To answer that question I posted the following: (slightly modified)

Though Systems/C does have an IBM C compilation compatibility option (i.e. it generates code that is completely compatible with IBM C & LE), the native Systems/C compilation is not dependent on LE in any way. Though I didn't attend the SHARE session, it seems from the description presented on IBM-MAIN, that an enclave must be either 31 or 64-bit. This seems an onerous restriction, especially in light of the current discussion.

In fact, this combination (31-bit calling 64-bit) is just what I would think would be the most common requirement for a very long migration period (if 24->31-bit is any example). Systems/C has a number of features to specifically enable this sort of migration path.

But this restriction only applies to those programs using LE services and since the native Systems/C runtime does not utilize LE, that restriction does not apply. This allows an LE COBOL program to call a 64-bit Systems/C program just as it would any other subprogram (either statically or dynamically linked). The programmer can specify to Systems/C that the incoming parms are from a 31-bit program and that all storage within Systems/C should be above the bar. (There are several different combinations available.) Of course, if the programmer expects COBOL to reference any data returned, that data must be copied below the bar. (No magic here.)

In fact, using the Systems/C Direct Call interface, it is possible to retain the Systems/C environment between calls from COBOL, including any above-the-bar storage, therefore allowing for in-core storage and access of very large data items.

This technique has proven to be quite effective in shipped products for many very large software development shops. If you have a need to exploit 64-bit addressing from your COBOL, PL/1 or assembler program, take a look at the Dignus line of 64-bit enabled products.

Dignus, LLC provides unique mainframe programming solutions that offer savings in time and effort, while streamlining development costs.

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