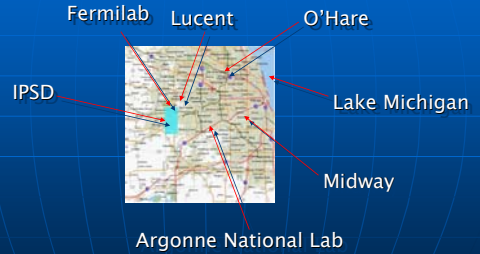


Indian Prairie Community Unit School District 204

Instructional Technology
 Jeffrey L. Hunt, Ed.D.
 Director
 jeff_hunt@ipsd.org
 March 2007

<http://it.ipsd.org/present>

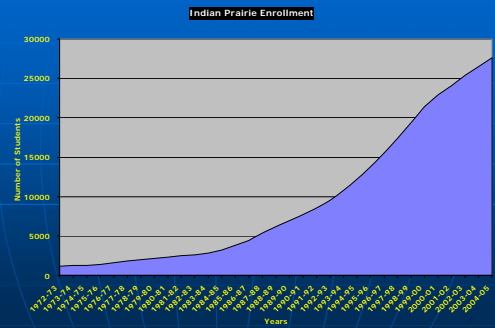
Indian Prairie School District



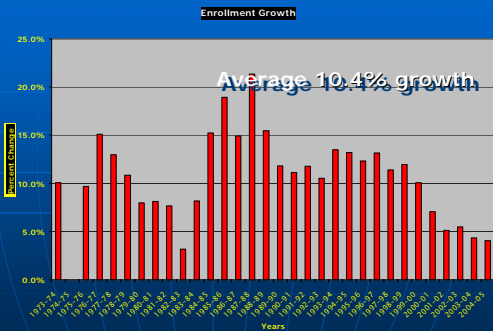
Indian Prairie School District



Indian Prairie School District



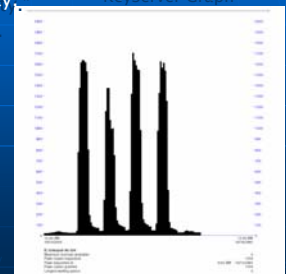
Indian Prairie School District



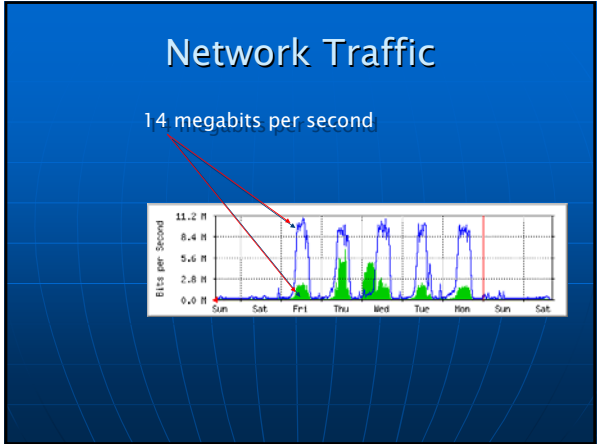
Software Metering

- 1998 Software metering
- Using Desktop "security" at secondary schools.
- None at elementary schools.

KeyServer Graph



<http://www.sassafras.com/>



District's \$50K 'piracy' story finally changes

SOFTWARE **SCHOOL NEWS**

November 1, 2001

In a case that may serve as a warning for district administrators and technology coordinators across the country, a school system outside Chicago has agreed to pay \$50,000 to a computer trade organization after discovering that a former employee had copied software onto school computers legally.

Officials from Community Unit School District 300 in Carpentersville, Ill., settled out of court after discussions with their lawyers and the Business Software Alliance (BSA), an international association of software makers that attempts to enforce copyright restrictions and curb software piracy.

On Sept. 10, the school board voted to pay BSA after discovering that an employee at Jacobs High School—who has since resigned—brought in a copy of Adobe's Acrobat software and downloaded the program legally onto several desk-top machines used by administrators at the school.

According to Superintendent Ken Amrdt, there also were some legally copied versions of Microsoft software on the district's computers, though he was unsure of the exact program.

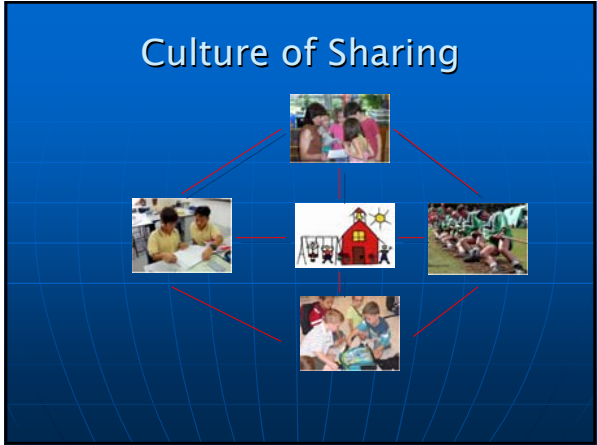
Amrdt has only been employed at District 300 for two and a half months, but he has been working to resolve the copyright infringement issues since he started.

"It's my understanding that the situation was brought to the district's attention about a year and a half ago by the BSA," he said, adding that he was not sure how BSA received the tip.

Regardless of how the organization learned of the problem, Amrdt admits the violations did occur and lawyers were involved, though no formal lawsuit was ever filed. The district has complied with the investigation fully, he said.

District officials attribute the copyright infringement to a lack of knowledge about what constituted a violation.

"A lot of times, an employee will bring in a program and install it because they have a receipt for it, and think, 'hey, I own this, so I can do what I want with it.' They don't realize that they need a special [multiple-user] license," said Amrdt. "There is a lot of misconception. It gets confusing, because there is free software that [school users] can download legally, too."



Software "Piracy"

Thirty-five percent of the world's software is pirated. Software piracy is not only a crime, but it can destroy computers and data. -- Business Software Alliance

Engineering Firm Pays Nearly \$228,000 To Software Watchdog. -- Business Software Alliance

Report Piracy

Concerned about the use of illegal software? If you suspect that a coworker, colleague or even an ex-employer is using or selling unlicensed software — use the hotline number to call the Business Software Alliance in your area or report online. Reporting takes only a moment, and your information will be kept strictly confidential — you can even file a report anonymously.

- Report Piracy
- Call our U.S. hotline: 1-888-NOPIRACY (1-888-667-4722)
- Call one of our [International Hotlines](#)

Piracy

End User Piracy:
This occurs when a company employee reproduces copies of software without authorization. End user piracy can take the following forms:

- ∅ Using one licensed copy to install a program on multiple computers;
- ∅ Copying disks for installation and distribution;
- ∅ Taking advantage of upgrade offers without having a legal copy of the version to be upgraded;
- ∅ Acquiring academic or other restricted or non-retail software without a license for commercial use;
- ∅ Swapping disks in or outside the workplace.

Recent Cases



Engineering Firm Pays Nearly \$228,000 To Software Watchdog. -- Business Software Alliance

*Chicago-Area Organizations Settle with Software Watchdog
BSA Collects \$580,000 -- Business Software Alliance*

The Balance

Culture of Sharing →



← Software Licensing

Affirmative Software Strategy

- Know and live the software license.
- Meter Software.
- Have proactive software policy.
- Lockdown the desktop.
- Communicate with everybody.
- Conduct internal audit(s).

Know the Software License

What are the tolerances of licenses?



Does the license allow you to meter the software?



Does the license allow the publisher to audit your software inventory?



Know the Software License

Verbal changes in the license do not count.



The publisher usually has a statement in the license that all changes or amendments to the license must be made in writing.



Indian Prairie School District

- Organized software committee to study issue.
- Developed recommendation for strategy.
- Developed and implemented policy.
- Locked desktops.
- Communicate.

Board Policy

COPYRIGHT AND COMPUTER SOFTWARE

Computer software is covered by copyright law and by licensing agreements that the District signs or licenses that are shipped with the software. These licenses specify

- Whether back-up copies can be made
- Whether additions can be made to the software

Board Policy

YOU CAN'T

- Make one copy for home and one copy for school
 - Make a copy for a friend
 - Transmit through a network outside the school
- Licensing agreements are very specific and they usually preclude Fair Use

Board Policy

Only authorized employees may install software. The unlicensed installation of software is contrary to District policy and outside the scope of the employment of the individual concerned. District 204 will not accept any liability in respect of such unauthorized software installation, and the employee responsible will be personally liable for any damages, fees, or fines related to the unauthorized installation of software.

http://board.ipdsd.org/policy/sec6/goals/602_r.htm

Software Authorization

- IT Technicians
- Special Education technicians
- LMC Directors (K-5)
- LMC assistants (K-5)

Authorization in writing and placed in personnel file.

<http://it.ipdsd.org/documents/softwareinstallauth.doc>

Lock the desktop

Use desktop lockdown technology.

- Scripts are provided so that LMC directors and LMC assistants can install software.



<http://www.faronics.com/index.asp>

Software Licenses

- Purchased by District -- inventoried at District level.
- Purchased by school -- inventoried at school by LMC director.

| Search Again | PD | Vendor | Publisher | Title |
|--------------|-----|-----------------------|-----------------------|-----------------|
| 11/10/04 | 204 | Provan District | Knowledge Adventure | Spelling Master |
| 12/03/04 | 204 | National Organization | National Organization | Start and Oskan |
| 12/03/04 | 204 | National Organization | National Organization | Orlando America |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 1 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 2 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 3 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 4 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 5 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 6 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 7 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 8 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 9 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 10 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 11 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 12 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 13 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 14 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 15 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 16 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 17 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 18 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 19 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 20 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 21 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 22 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 23 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 24 |
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| 12/03/04 | 204 | National Organization | National Organization | Market Study 26 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 27 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 28 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 29 |
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| 12/03/04 | 204 | National Organization | National Organization | Market Study 34 |
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| 12/03/04 | 204 | National Organization | National Organization | Market Study 36 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 37 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 38 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 39 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 40 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 41 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 42 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 43 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 44 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 45 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 46 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 47 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 48 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 49 |
| 12/03/04 | 204 | National Organization | National Organization | Market Study 50 |

Communicate

Legal Issues: Faculty and community

Ethical Issues: Faculty, students and community

Curriculum process: Purchase appropriate number of licenses.

Software "upgrades" are not "free."

And Listen!!

Final Step

Internal Audit:

Select one or two schools and audit software that is installed on the computers.



Summary

- Organize the initiative
- Work with stakeholders
- Revise the Board Policy
- Lock the desktop & authorize use
- Meter the software
- Conduct Internal Audit

Software Example

In my building, we have [title removed] installed on several computers. We have found that you can have more than one computer running [title removed] at the same time by simply using the disk to only start the program. The program continues to run appropriately if you remove the disk. Is this an illegal way to use the program based on the license the district holds? Can we continue to do this in my building? Thanks!