

# up a notch™

## Finding and fixing i5 operating system vulnerabilities



### Finding operating system vulnerabilities

Unbeaten Path has helped iSeries users employ the functionality of **Bill of Health® Security Diagnostics and Rx for iSeries** software. That product discovers literally every security vulnerability and provides a prescription to remediate each problem. It's an exceptionally complicated topic. Here are some links to more information:

- ◆ **Bill of Health software.** This link explains why brick walls, padlocks, and powerful user footprint records aren't enough to ensure operating system security. The product compares your company's security settings against world-class practices.
- ◆ **Index to iSeries vulnerabilities.** This URL will connect you with "written-in-plain-English" explanations for dozens of iSeries security exposures.
- ◆ **Sample Bill of Health report.** Brace yourself for 38 pages of operating system vulnerability findings and recommended remediation steps.

Not every iSeries shop has the expertise to digest Bill of Health report. Unbeaten Path will provide an executive summary which outlines the business implications of the security issues we discover.

### Fixing the vulnerabilities

Unbeaten Path has helped our customers understand and process some very thick Bill of Health operating system vulnerability reports. Here are the **up a notch** services we provide:

- Expert guidance** Unbeaten Path is well prepared to respond to questions about subtle facets of operating system security.
- Fire suppression** It's not unusual to accomplish substantial risk reduction by addressing just the two or three most severe "bleeding-at-the-neck" problems.
- Strategic planning** We propose a long term risk mitigation plan that is in harmony with your corporation's security architecture. Sometimes a fundamental re-design of that architecture is warranted to minimize risk and protect information assets
- Detailed execution** Implementation of the risk mitigation plan requires dedicated and seasoned attention. Unbeaten Path prioritizes the action plan so as to address the more serious vulnerabilities first. Sometimes multiple configuration adjustments have to be made simultaneously (*a well-intentioned security setting applied to category A of the operating system can introduce a new problem in category B*).
- Result measurement** At intervals we re-run Bill of Health to provide our customer with assurance that steady headway has been made. We also do that at the conclusion of our work. That final **clean** Bill of Health Security Diagnostics report becomes a valuable base-line reference document for our customer.

## Freezing the i5 fix

Unbeaten Path provides continuing **up a notch** services to address operating system configuration changes born from situations like the addition of new software, significant modifications to application software, IT staff turnover, and the like. Our starting point is to evaluate changes vis-à-vis the last **clean** Bill of Health Security Diagnostics report.

Another valuable tool for this purpose is marketed by Unbeaten Path: **Policy Minder™** software.

## Regulatory compliance (e.g. Sarbanes-Oxley)

The process of getting ready for your next Sarbanes-Oxley audit goes beyond i5 operating system security. [Click here](#) to learn about how Unbeaten Path is prepared to help with that broader scope objective.

## Questions ?

It would be a privilege to answer any questions about our “**up a notch**” consulting services for the i5 operating system.

If you would like to see a sample i5 security **things-to-do-list**, please contact us. We'll provide a very challenging list of 42 security settings and circumstances that merit assessment (and perhaps remediation) on your iSeries.

Here's Unbeaten Path International's contact information:

**Toll free North America: (888) 874-8008**  
**International: +(262) 681-3151**  
**Send us an e-mail ( [click here](#) )**

*Unbeaten Path*®

