



## What is the cost of a software fault?

Not simply the time it will take your organization to

- realize it,
- analyze it and
- fix it

But also what it will cost you if it will be reported to you by your customer

## SUM provides you the insurance – a piece of mind

- It will monitor your application for its multithreading “sanity” and if all is well, it will stay “in green”.
- If a multithreading **contention** is automatically realized – it will be automatically analyzed and the developer will be automatically notified.

**With Hardware and Software becoming more and more parallel, the new challenges for the IT are becoming more and more prevalent - these are the silent and intermittent conditions of unpredictable results**

**Even for those organizations where multithreaded programming is still to be explored - the issues of parallel processing are here today - applications servers and other open source applications in use are already mostly multithreaded and are riddled with races, and therefore with uncertainty.**

**SUM4JTA is most likely the World's First production (real time) Dynamic Code Analyzer of Java race conditions with 0% False Positive results.**

## **Benefits to your IT department from SUM4Java Threads Analyzer:**

### **FOR YOUR COMPANY**

- Improve your time to market
- Perpetually Increase your software reliability

### **FOR YOUR TESTERS:**

- Open Black Boxes
- Make your Black Box testers to become your White Box testers
- Have your testers to report to your programmers automatically analyzed issues

### **FOR YOUR PROGRAMMERS:**

- Increase your programmers' productivity
- Give your programmers a new perspective on their code
- No need to reproduce the failure, the analysis is already done automatically

### **FOR YOUR DATA PROCESSING MANAGER:**

- Your managers can now see their programmer's code from a new and clear perspective
- No programming experience is required to have the benefits of the new code representation.