

# SECURITRE

Security Interface between ADABAS/NATURAL and  
RACF / ACF2 / TOP SECRET

Fact Sheet

*Last night, a hacker broke through your security and stole confidential data.*

*This morning, one of the DBAs accidentally deleted a file on the production database.*

*The auditors just found evidence of payroll fraud.*

*End users don't have access to their applications.*

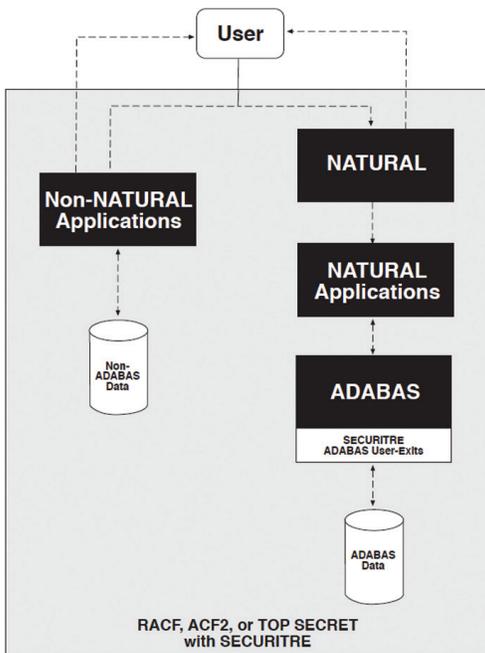
Everyone is pointing the finger in your direction. You thought everything was under control.

You had password-protected your ADABAS files, installed the NATURAL Security System, and put security checks into the applications. You limited access to the utilities. It took a lot of effort to get all of this security in place and more to keep it maintained.

In spite of all your efforts, you still have blatant security violations and security-related accidents. You should consider Treehouse Software's SECURITRE.

## Single Rule Base

### ADABAS/NATURAL Control and Security with SECURITRE



SECURITRE is a security interface between the ADABAS/NATURAL environment and a security system such as RACF, TOP SECRET, or ACF2. SECURITRE allows the site to store all of its security "rules" in the single rule base of the security system. SECURITRE interfaces with the security system to determine if a given user may access a particular ADABAS/NATURAL resource.

Placing all security rules into a single rule base eliminates the redundant effort required to administer several separate security rule bases. Security auditing and reporting efforts are simplified. Accountability and control are improved.

## Comprehensive Controls

SECURITRE offers comprehensive access controls at these levels:

- ADABAS
  - Database
  - File
  - Field
- NATURAL
  - Session Initialization
  - Library/Logon
  - Program
  - DDM
- ADABAS Utilities
  - Utility
  - Utility Function
  - Database
  - File
- Applications
  - Internal security checks

SECURITRE controls access by User-ID, rather than passwords, for the ultimate in control and accountability.

## Complete Flexibility

Some resources need very strict security, others require minimal security, and a few may require no security at all. SECURITRE allows you to place the right amount of security where it is needed, and this level can be adjusted as your needs change.

## Program Pathing Sensitivity

Sites may wish to limit data access based on User-ID, program, library, terminal, job, etc. The SECURITRE Program Pathing feature enables data access to be restricted to specific users, programs, jobs, etc.

## Efficient Security Checking

Every effort is made to reduce the performance impact of SECURITRE. The core code is written in highly tuned Assembler, and contains intelligent table mechanisms to avoid redundant security checking. As a result, SECURITRE overhead is very low.

## Security for Other TSI Products

The Treehouse products TRIM and N<sub>2</sub>O interface with SECURITRE, extending the single security rule base to encompass these products. This makes it possible for your security system to control program migrations, performance monitoring activity, etc.

## SECURITRE Real-time Monitor

At times, it may be necessary to make quick changes to security. For this reason, one of the functions of the SECURITRE Real-time Monitor is to allow authorized personnel to display and change SECURITRE settings on-line.

## System Requirements

SECURITRE operates under Z/OS.

Treehouse Software, Inc.  
2605 Nicholson Road, Suite 1230 • Sewickley, PA 15143 USA  
Phone: 724.759.7070 • Fax: 724.759.7067 • Web: <http://www.treehouse.com>

©Treehouse Software, Inc. All product and company names are trademarks or registered trademarks of their respective owners.

