

Safe Update

DATASHEET (iSecurity Suite Protection)



Regulate File Editors in Production Environments

Security systems that protect data by preventing the access of programmers to production environments are not enough. Occasionally programmers need to conduct some missions and temporarily get *ALLOBJ authority. As there is no way to restrict them to that mission, they became a potential risk.

iSecurity Safe-Update's new security layer ensures that only authorized programs are used to update business critical files.

Safety on Production Environment with iSecurity Safe Update

When the organization needs to update data with normally not allowed tools. Some users are stubborn about using the tools allowed by IT Departments, and this "Shadow IT" is always a risk.

- iSecurity Safe-Update implements a workflow that consists of work orders, that specify who can work with the data, the reason for the work, and the limited time during which the work order is valid.
- If an unauthorized update is attempted, a window appears requesting the entry of a ticket.

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JCSAFUPD          Safe Update          System: iSecurity
                   Regulate File Editors Usage      S520

Protect           Reporting & Working
1. Protect Physical files      41. Active Tickets
2. Pending Permission Requests 42. Display history      WRKSUHST
5. Definitions                 43. Display updates     WRKBYTKT

Tickets by Work-Order          Related Products-Options
11. Work with Work-Orders      61. Application Journal
12. Set Work-Order Ticket      62. Display File Journal  DSPDBJRN
    SETWOTKT                   63. Display Journal      DSPAPCRJ

Ad-Hoc Tickets
21. Set Ad-Hoc Ticket          SETAHTKT

General Tickets Activities
31. Display Ticket             DSPTKT
32. End Ticket                 ENDTKT

Maintenance
81. System Configuration
82. Maintenance Menu
89. Base Support

Selection or command
==>

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel
F13=Information Assistant  F16=AS-400 main menu
Type option number or command.
```

```
Set Work-Order Ticket (SEIWOTKT)

Type choices, press Enter.

Work-order . . . . .          Work-order, *SELECT
Ticket in work-order . . . . . *AUTO
                                Ticket, *AUTO
To be used by current . . . . . *USER
                                *JOB, *USER
Ends if not used for . . . . . 10
                                Minutes, *NOMAX
Valid for . . . . .           *NOMAX
                                Minutes, 1H, 2H...24H=*NOMAX
DS operations allowed . . . . . *NOMAX
                                Number, *NOMAX
Request permission or Approved *APPR
                                *APPR, *RQST

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

Key Features

- Allows authorized users to create ad-hoc tickets, which are tracked in the same way as work orders.
- Work orders specify the programmer, the files, the updates required and the time frame.
- Tickets are automatically closed if inactive for a period of time.
- Allows updates to fields that are marked as insignificant.
- Subject to the organization policy, ad-hoc tickets might be permitted as well.
- Creates a record of updates, logging who updated the data, who authorized the update, and why it was done.
- Database journal information displayed by AP-Journal commands highlights updates made under Safe-Update permissions.

Installation Requirements

- Operating system 7.1 or higher
- 300 MB of disk space for initial installation

iSecurity Safe Update Benefits

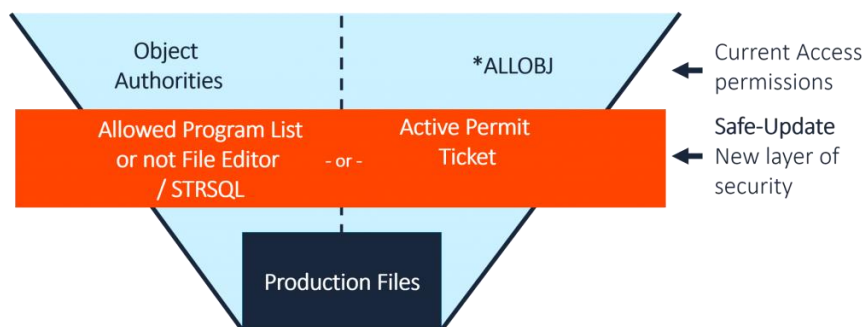
- Monitors and protects updates to data according to the program used.
- Uses either a whitelist of allowed programs, or a blacklist of programs that are not allowed.
- Ensures that DFU, Start SQL and file editors are not used in production environments even when *ALLOBJ is in effect.
- Restriction of updates can be removed when the update is only for field marked in advance as “insignificant”.
- Programs that may not update data can read it. They will be stopped when an update is issued.
- Comprehensive workflow of management-approved work orders with tickets opened by preassigned programmers.

Adding a New Security Layer

iSecurity Safe-Update implements a workflow that consists of work orders, created by management, that specify who can work with the data, the reason for the work, and the limited time during which the work order is valid.

Based on the work order, the specified programmer can then open a ticket and perform the requested updates interactively or in batch. All work under the tickets is logged, even if the data files themselves are not journaled.

If an unauthorized update is attempted, a window appears requesting the entry of a ticket.



Let's Get Started

Schedule your Demo and enjoy all the Development Benefits of Raz-Lee iSecurity Safe Update