



CARMA
Integrated Server Security

What it needs to stay alive!

www.carma-soft.com

This is what CARMA delivers within various categories of the business environment:

1 SECURITY

- 1 Trace and audit ability of 'root' access
- 2 User **identification** before application access
- 3 User **authorisation** by the security administration
- 4 **Start-session password** generated by **user** (incl. optional encryption)
- 5 **Start-session password** generated by the **security administration** (incl. optional encryption)
- 6 **Start-session password** period, length and **pattern** requirement
- 7 **Direct application access** during working session including additional password option
- 8 **Time-out** and variable time setting until time-out activation per individual user
- 9 **Alert message** to the security administrations office, reporting source & type of misuse
- 10 **Password** allocation on request for each and every user step
- 11 The ability to **access** certain **tasks** only in presence of a **2nd person** (supervisor)

2 AUDIT

- 1 All user actions to be **audited** showing : user code and name, host name, log-in name, terminal identification, task code and name, date and time
- 2 **Availability of history information** per user session at any time over an infinite number of years
- 3 **Command level** entry auditing: Each command reflects on an audit-trail the way the command was entered inclusive user code and name, host name, log-in name, terminal identification (if applicable), task code and name, date and time
- 4 Reporting and auditing of all user activities in a network spread **across servers**
- 5 Control over all user actions from **one central point**
- 6 **Exception audit** on any attempt, time-out, invalid password, etc.
- 7 Sequential **step by step control** per user and working session (in chronological order)
- 8 Inspection of **current user activities**
- 9 In case of a system break-down : All **tasks active at the time of the breakdown** and when they started and by whom
- 10 **User profile** changes
- 11 **History** on **password** changes

3 COSTING

- 1 Enabling of cost calculation on various levels
- 2 Interfacing to **billing** and **accounts receivable/payable** applications

4 OPERATION Scheduling

- 1 Converting **legacy systems** into a menu with **"on-line"** access
- 2 **Job scheduling** (progress/status report)

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5 **MANAGEARIAL & GENERAL** Support

1. **User appraisal** assistance
2. **Data utilisation analysis** leading to a **productivity survey**
3. Controlling and monitoring user activities from **one central point**
4. Print control by user without the help of any third party (e.g. operations manager, administrator, etc.).
5. Memorizing last activity per user working session.
6. **Ability to be installed on any system due to open system standards.**
7. User **authentication**, accessibility according to process permission allocation.
8. To have **direct access to any task** or application from any place via "hot key" retrieval.
9. Online help documentation function (update and read only).
10. **Printouts** with **optional storing** facilities to be accessible online at any time by any user for repetitive usage.
11. **Administrator/Integrator menu-support; displaying process**, user responsible and time of last access.
12. Latest **IT infrastructure** available at any time.

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