



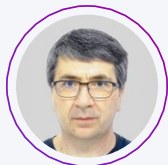
Breaking Free From Costly Payroll Systems

Cutting costs and boosting performance with Rocket® Enterprise Suite



**Consiglio Nazionale
delle Ricerche**

The National Research Council (CNR) is Italy's largest public research body, with 86 institutes. It provides research services and manages roughly 10,000 employees through centralized IT services.



"Rocket Software made it possible to break free from proprietary hardware and move to a cloud architecture. This allows us to implement disaster recovery policies and have a much more scalable system."

Silvio Scipioni, Director of the Digital Agenda and Processes Office, **CNR**

PARTNER

GFT 
TECHNOLOGIES

CHALLENGE

Overcoming proprietary hardware limitations

CNR's payroll operations depended on proprietary hardware, driving **up licensing and maintenance costs year after year**. Upgrades demanded specialized expertise, and an expiring outsourcing contract left the team scrambling to find skilled personnel who could keep pace with the monthly regulatory changes that govern payroll systems.

- **Rising costs**

Proprietary hardware and licensing models forced CNR into continuous, expensive upgrades just to maintain performance, stretching budgets and diverting resources from higher-value initiatives.

- **Scarce expertise**

As regulatory updates grew more frequent, finding skilled personnel who could keep pace with monthly payroll compliance changes became increasingly difficult.

- **Contract risk**

An expiring outsourcing agreement threatened the continuity of CNR's mission-critical payroll system, leaving the team without a clear path forward.

SOLUTION

Transforming performance, scalability, and growth

01 Trusted partnership

Rocket Software and GFT Technologies aligned closely on objectives and methodology to migrate CNR's payroll system to open, Linux®-based infrastructure.

02 Exact emulation

Rocket® Enterprise Server platform emulated the previous hardware environment precisely, ensuring a seamless transition with zero disruption to CNR's mission-critical payroll operations.

03 Automated conversion

GFT Technologies built a custom JCL converter to modernize decades-old system components into a standard format, reducing manual effort and accelerating the overall migration timeline.

04 Faster debugging

The Debugger from Rocket Software enabled efficient, line-by-line issue resolution throughout the migration, helping the team identify and fix problems quickly and keep the project on track.

RESULTS

Transforming performance, scalability, and growth

Software costs cut by two-thirds

CNR cut annual software license spending to about one-third of previous levels.

Over 50% reduction in hardware costs

The new system slashed hardware expenses by more than half.

70% developer productivity gain

Modern DevOps tools helped developers work dramatically faster and more efficiently.