

SAFER

THE SOLUTION FOR SAFETY
AND SECURITY MANAGEMENT



COVERED PROCESSES

SAFER is the RFID based solution for the three main processes:

- **Safety Management** : by applying a RFID tag on each PPE foreseen for a worker, it is possible to recognize and detect the PPEs when worker pass-through a gate. If a worker does not wear, what he should have, an alarm system will start an escalation procedure, that can be configured in accordance with Customer particular exigencies
- **Access Control** : each worker or visitor is equipped with a RFID badge that allows him or her to access the facility. Each access is recorded on the software management system automatically in order to know in realtime who is in the building. Different access policies can be associated to one badge in order to authorize the unlock and opening of doors and gates
- **Project Management** : it is possible to adopt SAFER for elaborating automatic reports and workers timesheets so to get an easier project control and works advancement; in fact to each person is pre-assigned a job-skill (i.e. activities to do) and on the basis of one project activities breakdown, it is possible to know how many man-hours have been provided of each single job-skill within a certain time frame



Civil
Infrastructure



Manufacturing



Oil & Gas
and Energy



Healthcare &
Hospital

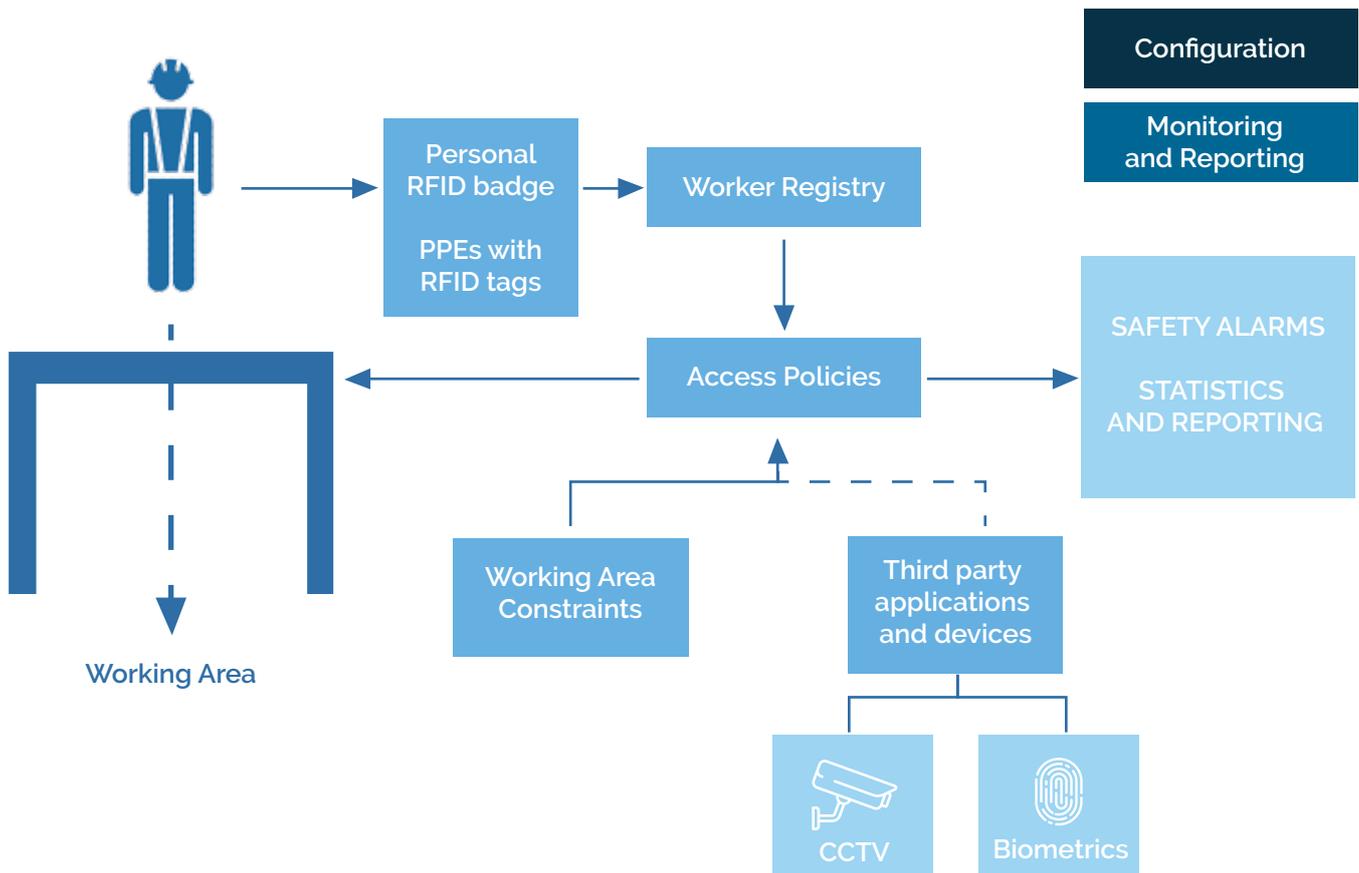
PRODUCT FEATURES

Software can be provided in the client/server version (to install on Customer's server) or in web version (Saas mode) and allows:

- Management, even remote, of the registry of the workers, with the possibility to insert, delete, modify the list of workers admitted to the work site including visitors. Every operator is identified by his RFID badge
- Management, even remote, of the PPEs registry, with the possibility to insert delete, modify, the personal protection devices required on the work site. Every PPE is identified with its unique ID
- Management, even remote, of the equipment registry, with the possibility to insert/delete/modify the equipment required by the work site, or the tool assigned to workers
- Configuration of the users and of the main functions
- Tracking of all the events and anomalies occurring at entrances/exits, according to some predefined policies
- Elaboration of reports relative to the employee absentees from work sites, allowing reports to be generated (graphics on web platforms) on the workload of resources in terms of days/people, subdivided into company and specialization
- Elaboration of work progress reports, showing the effort actually spent versus the expected one
- Exporting of real-time reports relative to entrances/operators/PPE/equipment
- Accessibility to information via internet browser or smartphone

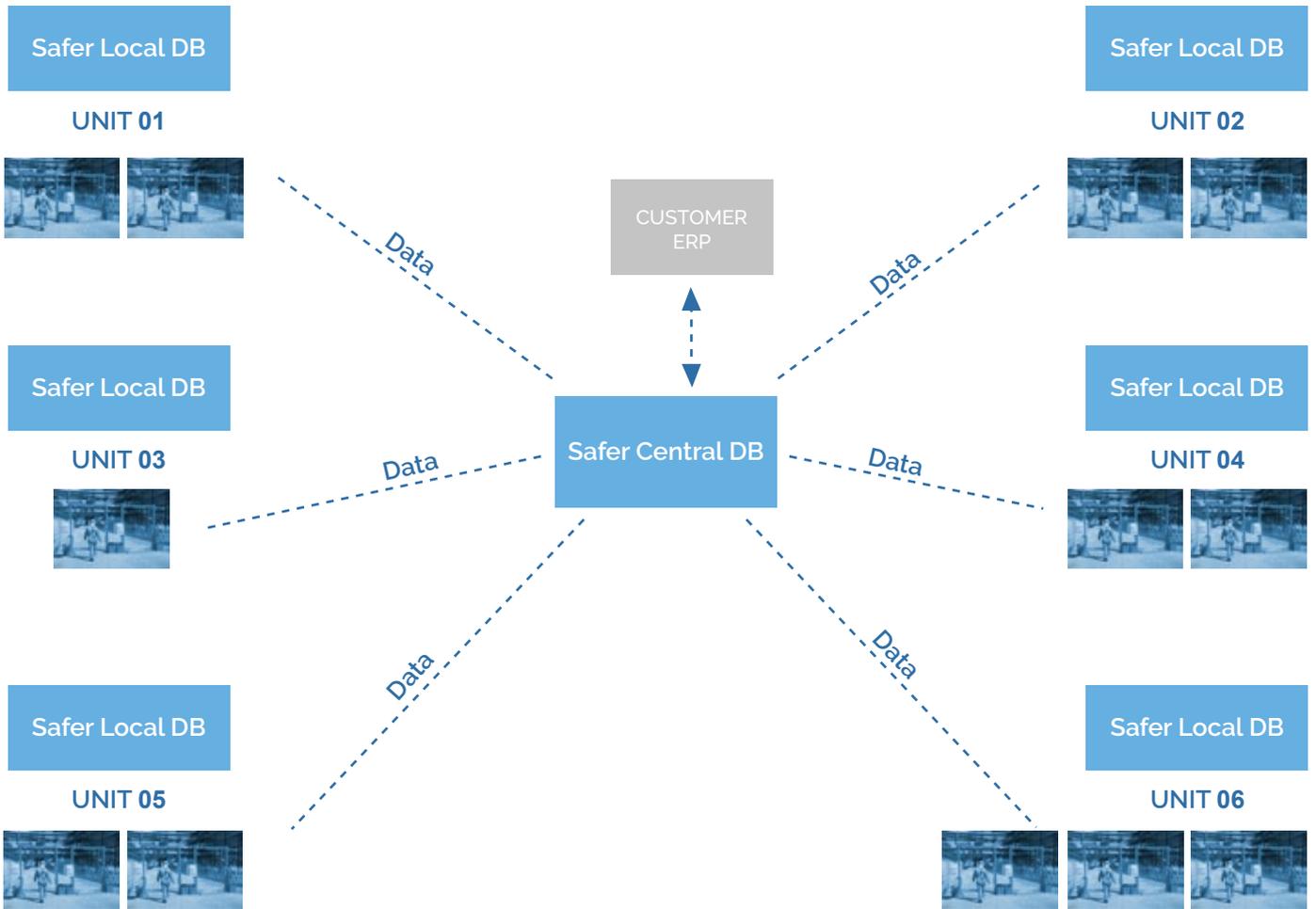


HOW DOES IT WORK?



- Each worker is identified by his RFID badge
- Thanks to a previously defined control configuration, when a worker passes through a SAFER gate, it is performed a contemporary reading of worker's badge and of the PPEs previously assigned for a particular job task
- SAFER detects in real-time any possible anomaly (worker without PPEs, worker without training certifications, worker with some medical deficiencies, etc.) and processes an alarm procedure (audible alarms, SMS, notification email) registering the anomaly on the software system too

HOW DOES IT WORK?



From
➔
 To

- Manual single control
- Involvement of guardians
- Long queues and losses of time
- Need to keep paper registers

- Automatic control of personnel
- Automatic alarming
- No need to keep paper registers

ACHIEVABLE BENEFITS

The benefits which can be achieved by adopting SAFER are various:

- Actual vs. planned works automatic advancement
- Automatic personnel timesheets
- Vendors automatic safety compliance rating
- Verification of personnel access against required training certifications and health conditions, when entering constrained areas
- Easier management of international contexts involving personnel with different languages and cultures
- Reduction of guardians at access points (costs reduction)
- Reduction of queues at access points (higher productivity)





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