

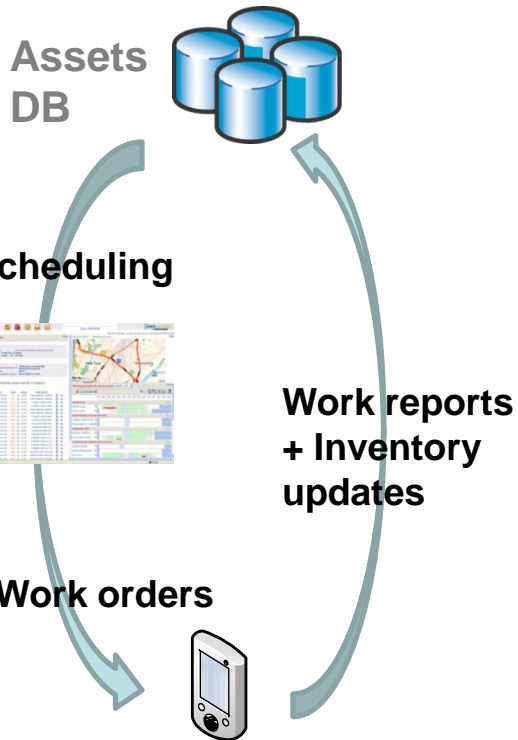
Build a Global mobility solution for field operations management

GDF SUEZ develops Mobility
tools for Asset Management
optimization

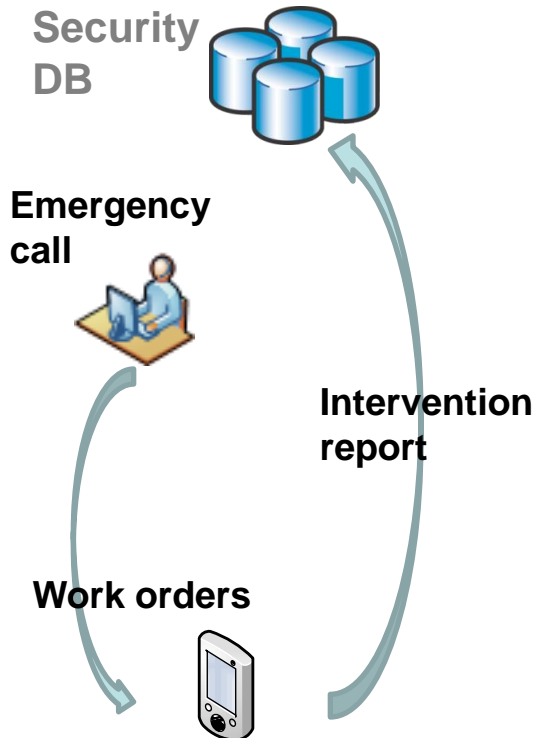
Mobility drives Asset Management

Mobile applications on PDA have started replacing paper work orders and reports for almost 10 years

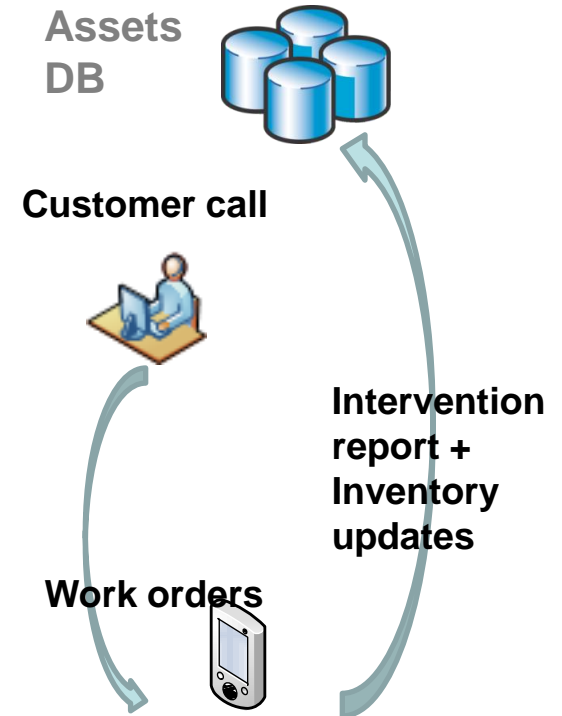
Maintenance operations



Security operations



Customer operations



Mobility drives Asset Management

Mobile applications on PDA have started replacing paper work orders and reports for almost 10 years

Mobility applications have brought huge improvement in processes :

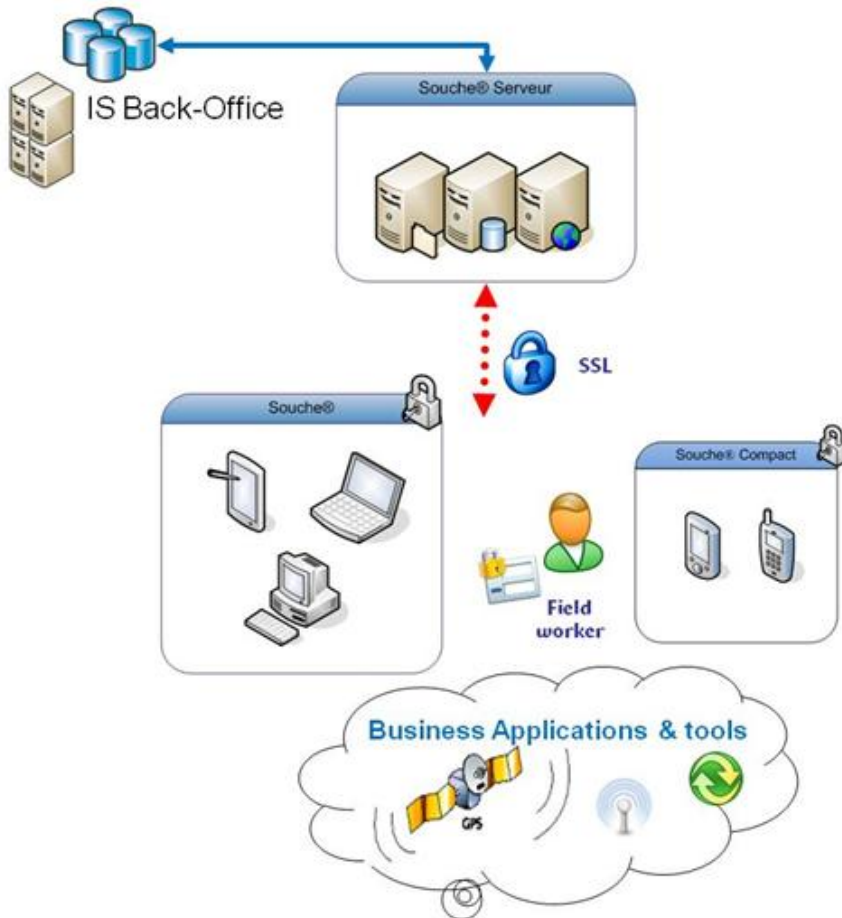
- **Automates** and **secures** assets data collection
- **Optimize** the “non-productive” time
- **Improve** the reporting process for driving **assets management and maintenance policies**

Now, network operators are facing new challenges :

- **Complex Informational System:** numerous and heterogeneous databases, complex data model,...
- **One application for one activity** (maintenance, security, customer services, GIS,...)
- Still mistakes in assets data collection because of **non-ergonomic and complex Human Machine Interface**
- **Fast changing mobile devices market**

Future-proof mobility solutions

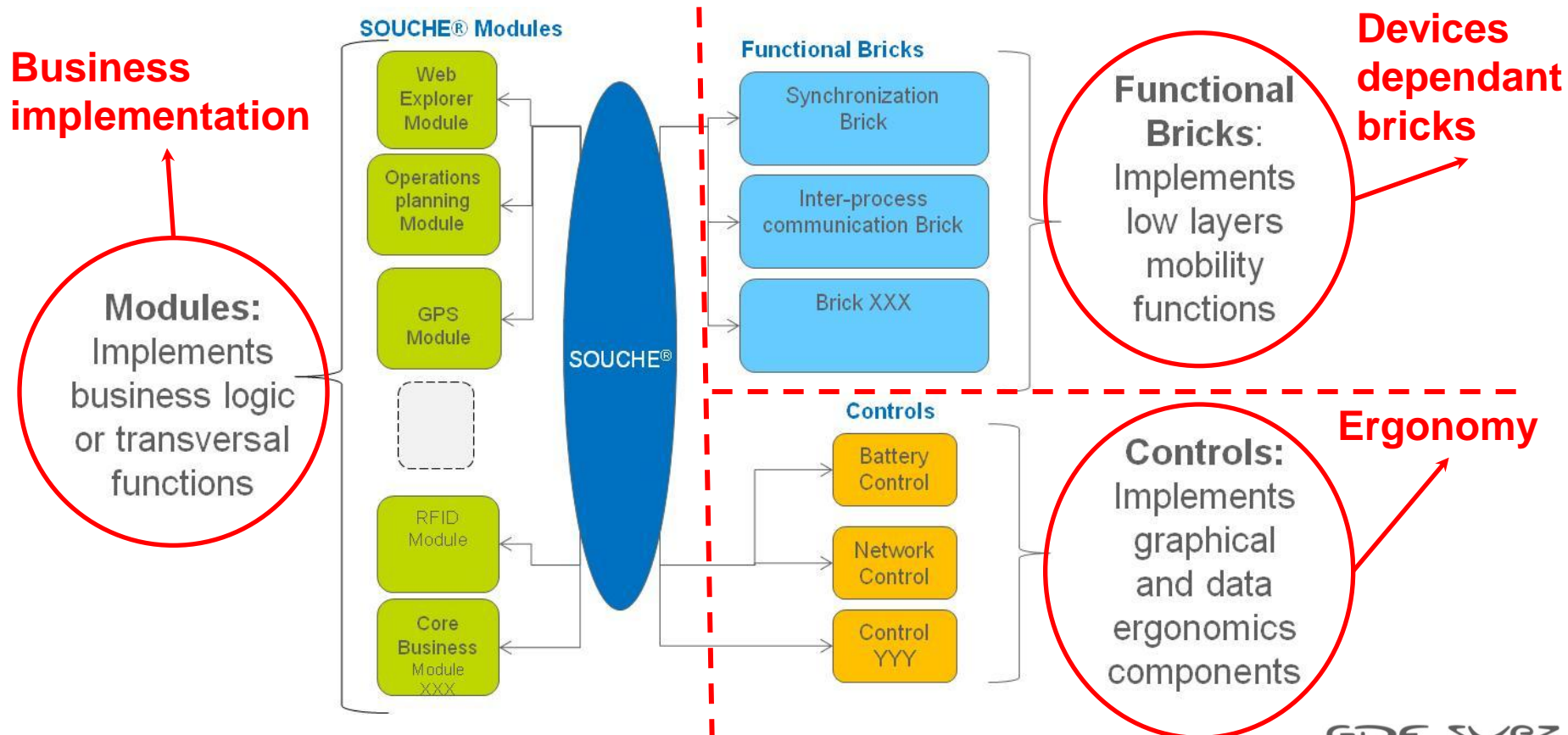
GDF SUEZ has developed a global mobility solution that addresses the challenges of network operators: SOUCHE®



- SOUCHE® is a **unique access portal** for all field workers business mobile applications
- SOUCHE® provides:
 - **design** and **robustness** that support extreme conditions operations
 - **automatic communication functions** that facilitate day to day operations
 - **hardware abstraction layer** for mobile applications development
- SOUCHE® has been **successfully experimented on the field** during one year

Future-proof mobility solutions

GDF SUEZ has developed a global mobility solution that addresses the challenges of network operators



Future-proof mobility solutions

New Mobility and Assets Management Informational System (IS) enable data permeability and transparency



Maintenance, security and customer operations

Emergency / Customer call

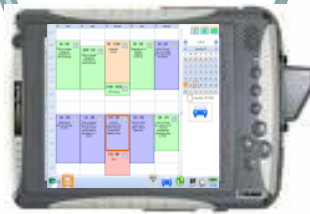


+

Scheduling



Work reports + Inventory updates



Intervention report



Framework

Maintenance application

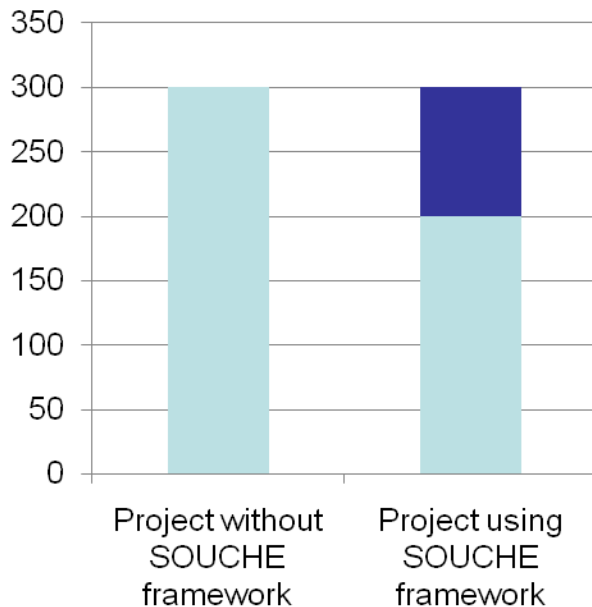
Security application

Customer application

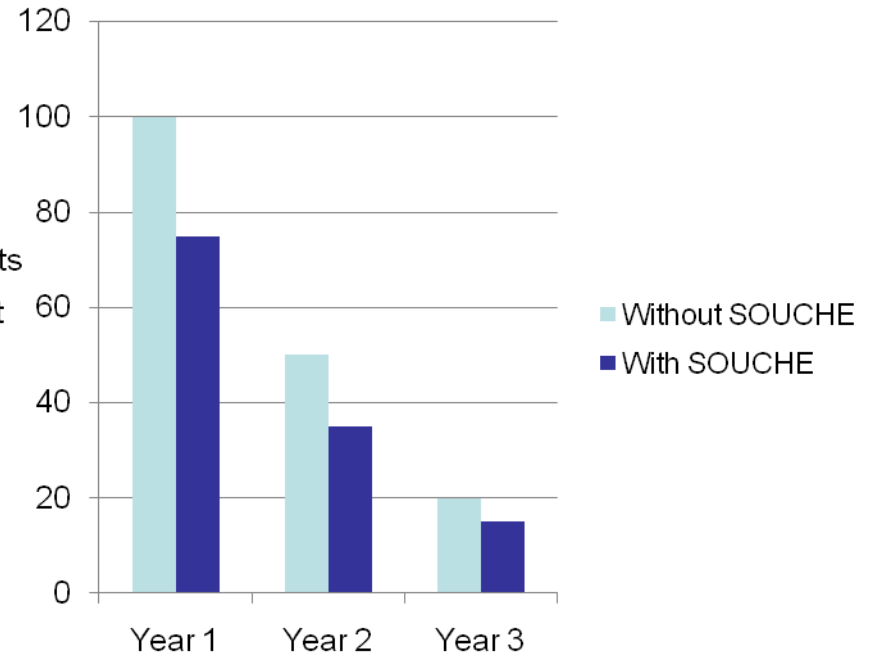
Innovation enables costs optimization

CAPEX and OPEX optimizations when using corporate mobility framework (SOUCHE®)

CAPEX



OPEX



More innovation today for more security and efficiency tomorrow

Extends mobility tools to smart-wear and accessories

Workforce safety and protection :

- fireproof clothes,
- Environmental sensors
- Vital data sensors



Communication and information delivery:

- Embedded communication systems
- Augmented reality
- real time video streaming with back-office operators



Energy autonomy:

- Embedded solar cells
- cinetical energy
- Nano-technologies
- high performance batteries



Accesories:

- Smart-cars
- Automatic stock inventory



Thanks for your attention

