

## Context

1986... a production incident at the Falck Nuclear Center (France) could have been prevented by analyzing the round log books and the latest tendencies...

In partnership with EDF LOGICOM created a software program dedicated to rounds and a new concept.

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DATE	DESCRIPTION	DATE	DESCRIPTION
01/01/2001	...	01/01/2001	...
02/01/2001	...	02/01/2001	...
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09/01/2001	...	09/01/2001	...
10/01/2001	...	10/01/2001	...
11/01/2001	...	11/01/2001	...
12/01/2001	...	12/01/2001	...

### THE NOVELTY :

HANDHELD MOBILE COMPUTERS. Discrepancies and variations are identified as from the gathering stage.

The project is developed with the field agents.

### ...AFTER

- Who WINSERVIR is intended for :
- All those responsible for production
- The agents in charge of monitoring the installations
- Those in charge of maintenance
- All the other monitoring services : labs, chemistry, maintenance, etc.

WINSERVIR adapts to all production activities.

### IMPLEMENTATION OF WINSERVIR

The company LOGICOM offers you assistance at each stage :

- Preliminary audit
- Assistance for the coding of equipment (if not defined)
- Assistance for the design of rounds terminals
- Selection and provision of data entry terminals
- Implementation of work groups : administrators, round designers, those carrying out the rounds, analysts, etc.
- Integration of your existing database (equipment file, established rounds, in formats such as Excel, ASCII, Oracle®, SAP Sybase, etc...)
- Installation of WINSERVIR on your network
- Customized services, adaptation of WINSERVIR to your own needs
- Maintenance, user assistance

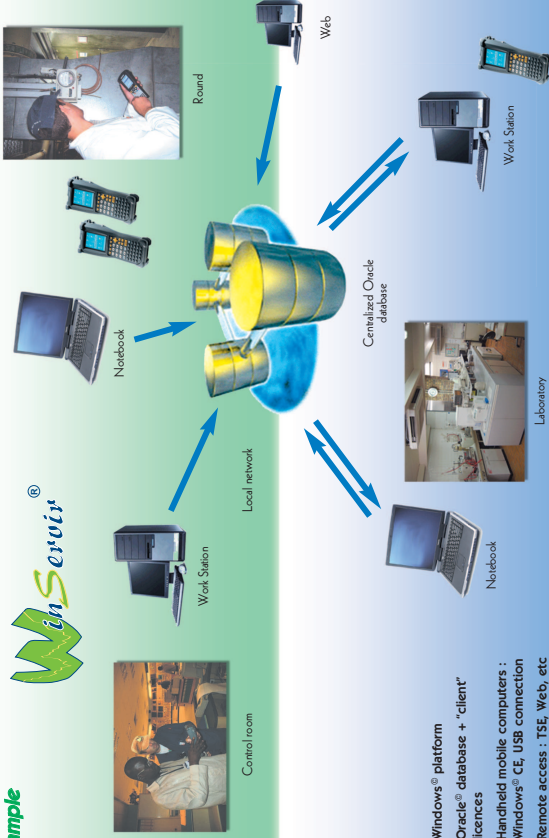


## Objectives

- To anticipate variations
- To follow-up and monitor the operation parameters
- To monitor discrepancies with regard to thresholds and tolerances
- To optimize production monitoring
- To assist the personnel within the framework of preventive and predictive maintenance
- To contribute to the reduction of maintenance and production costs

## Architecture

### Example



- Windows® platform
- Oracle® database + "client" licences
- Handheld mobile computers :
- Windows® CE, USB connection
- Remote access : TSE, Web, etc

## KEY FIGURES

- 1986 : creation of the WINSERVIR software by LOGICOM, first the DOS version and then the ACCESS version
- 2000-2003 : new ORACLE® based development carried out by EDF
- 2003 : partnership agreements between EDF and LOGICOM for marketing the software
- For example, for EDF, the use of WINSERVIR involves :
  - 20,000 users daily
  - 400,000 to 1,000,000 readings per production site and per year
  - 5,000 reading points on average per production site

## Exclusive Agent



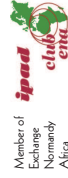
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 Website : [www.winservir.com](http://www.winservir.com)  
 LOGICOM WS is a subsidiary of LOGICOM Informatique

## References



EDF : the entire Nuclear Park, 6 thermal plants • ELECTRABEL : Belgium • AZITO, CIPREL : Ivory Coast, ENDESA...



Member of Exchange Normandy Africa



Logicom and Logicom WS present WinServir®

WINSERVIR - Windows Evolutionary Reading Rationalization and Initialization System

Data gathering, analysis tools, handheld mobile computers

