

## Case Study

### Web portal for equipment maintenance



[DSD Systems](#) develops new technology dedicated to maintenance.

New challenges of the future such as environmental protection, energy savings or productivity require a reliable and perfectly maintained production tool.

The expertise and business experience from DSDSYSTEM consultants enable better maintenance management practices through the implementation of CMMS provided by DSDSYSTEM.

DSDSYSTEM helps to achieve excellence in maintenance and provides for :

- Assets Management, arborescence and labour management.
- Work orders and preventive Maintenance.
- Safety and regulation (Seveso, FDA, ISO ).
- Procurement, stocks and subcontracting management.
- Planning, budgets and financial report.
- Financial and technical performance dashboard (KPI).





## New light of Rich Internet Applications

### Our involvement

SoftAspects provided technical support and integration of its product, [WebGalileo Faces™](#) , with the DSD System's Altair Computerized Maintenance Management Systems ( CMMS ).

[CMMS ALTAIR](#) increases the productivity by :

- increasing the life span and productivity of assets,
- improving the management of subcontractors and of your customers after sales service,
- reducing maintenance costs, allocations,
- optimizing your productivity.
- accessible on the internet and portable PDA terminals.

The project is supervised by French Ministry of Research as an innovating IT project.

#### PRINCIPLE FUNCTIONS:

**INSTALLATION MODULE** : Multiple sites, multiple organizations, and multilevel hierarchies, machinery, repair processes, technical sheets (internal or after sales service).

**WORK MODULE** : Correction, prevention, subcontracting, breakdown analysis, inspection management, work order management, planning, etc.

**PURCHASING AND INVENTORY MODULE** : Goods, stores, suppliers, customers, contracts, purchaserequests, orders, receipts, invoices, order histories, etc.

**ACCOUNTING MODULE** : Budget maintenance, cost management, analysis, expenditures graphing. Access by simple internet search engines which is completely password protected.

#### TECHOLOGIES :

- 100% Web Java, JSF, JBOSS application server
- Data bases : MS SQLServer, MySQL, Oracle

## Achievements

- Rapidly implemented
- 100% web enabled and portable accross browsers and PDAs
- Reduced installation and training costs

The screenshot displays a web application interface for 'Site DSDDEMO'. At the top, there is a navigation bar with a search field and a 'SCHEMA DE NAVIGATION' button. Below this, the interface is organized into several modules:

- Module Maintenance:** Includes 'Demande d'intervention', 'Bon de travail', 'Ronde', 'Préventif', 'Gammes', and 'Pointage'.
- Module Achats / Stocks:** Includes 'Demande d'achats', 'Commandes', 'Facture', 'Sortie', 'Inventaire', 'Réception', and 'Article'.
- Données de base:** Includes 'Equipement', 'Emplacement', 'Main d'oeuvre', 'Corps de métier', 'Métrologie', 'Société', 'Données financières', 'Réglementation', 'Sécurité', and 'Rapports'.
- Module Administration:** Includes 'Multi Site', 'Droits d'accès', and 'Paramétrage'.

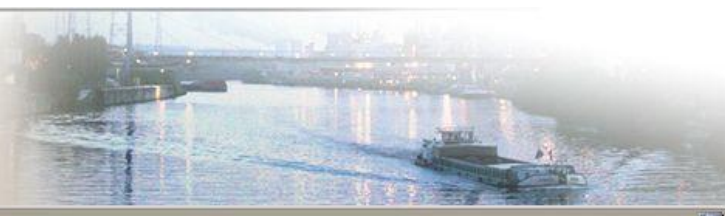
At the bottom of the interface, a copyright notice reads: © 2007 - DSDSYSTEM, tous droits réservés. ALTAIR v4.0.0 - www.dsdgmao.com



Site : DSDSYSTEM Aller à ...



Equipement N° DSD-CP-5097



Recherche Général Spécifications Pièces Historique Points

Equipement N°	DSD-CP-5097
Emplacement	DSD-100-CP07
Compte d'imputation	G234-MA954
Fournisseur	401ROLLAIR
Fabricant	401ROLLAIR
Propriétaire	
Famille	COMP
Statut	INSTALLE
Type	SAFE
Responsable	DURAND
N° d'immobilisation	5097CP07
N° de série	5097CPROL
Date d'installation	
Date d'achat	01/02/2007
Date de garantie	

Description	COMPRESSEUR AIR ROLLAIR 40
Description	COMPRESSEUR AIR ROLLAIR 40
Description	Dépenses Maintenance
Description	ROLLAIR
Description	ROLLAIR
Description	

### Historique

Créé par	DURAND
Date de création	26/04/2007
Modifié par	
Date de modification	

### Aperçu



Bon de Travail - Consultation - Microsoft Internet Explorer

Site (code) : TOTAL Aller à : .....

### Bon de Travail - Modification

Aide

Général Détails Plans Documents Retour liste de recherche

BT N° 1

Emplacement N° DHL01

Equipement N° DHL0001

Demandeur

Responsable

**Données du BT**

Priorité

Type de BT EIPS

Type de Maintenance PREV

Type d'équipement

**Infos sur la planification**

Date de début 11-08-2005

Date de fin 11-08-2005

Date de début réelle 27-07-2005

Date de fin réelle

**Etat du BT**

Statut

Date de statut

**Arbre de structure :**

- TOTAL
  - NANTERRE - Nanterre
  - BRIVE - Total Brive
  - SARAM - Saram Port la Nouvelle
    - 45FR - Pompe à eau
    - BAC22E - BAC 22 Entrée
    - BAC23S - BAC 23 Sortie
    - BAC23E - BAC 23 Entrée
    - DHL01 - Détecteur Hydrocarbure Liquide
      - DHL0001 - Détecteur d'hydrocarbures liquides
      - BAC22S - BAC 22 Sortie
      - EPP DJON - Epp Dijon

DHL01    DHL0001

Associer    Annuler

Ternavé    Intranet local