

# THE POWERFUL IDE AND ALM SUITE THE + COMPLETE

## 1 - IDEAS, REQUIERMENTS

## 2 - CONCEPTION

**REQUIREMENTS MANAGEMENT**

**UML**  
9 Diagrams

**ANALYSIS**  
Data structures, CDM, LDM

**PATTERN RAD**

**STYLE BOOK**

**FLEXIBLE MODELING**

**TEMPLATES**  
windows, reports, controls, ...

**PROGRAMMING CHARTER**

## 3 - DEVELOPMENT

### DATABASE

**HFSQL**  
SQL database

**Native Access**  
OLE DB, ODBC, Oracle, MySQL, XML, Azure, AS/400, PostgreSQL, SQL Server, SQLite, ...

**Native application Access**  
WebService, SAP, XML, Google, SalesForce, RSS, LDAP, Lotus Notes, Outlook, ...

**Universal replication**

**Architecture**  
2-tiers et 3-tiers

**Binding**

**WINDOWS**, Internals windows

**L5G CODE**  
WLanguage

**AIDE**  
Automatic generation, ...

**RAD** (Rapid Application Development)

**DEBUGGER**  
Local, remote, Dump, ...

**COMPONENTS**  
External, Internal, Internal with analysis

**CLASSES**  
Inheritance, polymorphism, ...

**MULTI-LINGUAL MANAGEMENT**

**REPORTS**

**QUERIES**

### Control Center "HFSQL" (Windows et Linux)

**TECHNICAL DOC.**  
Génération by reverse analysis, Export (PDF, RTF, HTML, ...)

**SCM (SOURCE CODE MANAGER)**  
Versioning, Branch and rights management, Comparison tool, ...

**MESSAGING**  
Attachment, Custom folder, Search, Annotation of document, ...

**SÉCURITY**  
User groupware, Rights management, Encryption, ...

**BATCH BUILD**

**STATIC AUDIT**

**MULTI-PROJECTS SEARCH**

**CONTINUOUS INTEGRATION** ...

**AUTOMATED TESTS**  
Auto. quality tests, Unit tests unitaires, GUI control, Scenario, Iteration, Auto. generation tests, ...

**CONTROL CENTER :**

**"PROJETCS MONITORING"**  
- Requirements management  
- Business rules management  
- Tasks and schedules management

**"QUALITY"**  
Bugs and suggestions management, Statistics, Link with SCM, Tasks association, ...

**"FEEDBACK"**  
POP account, Scheduling, Spool, Filter, ...

**EXTERNAL RESOURCES**  
Component, API, OLE, ActiveX, XML, J2EE, .Net, Linux, Java, Socket, Soap, RSS, HTTP, JSON, DLL, Corba, SMTP, POP, CM 11/15, TAPI, FTP, HTML, Serial port, XLS/XLSX, IMAP, ...

**EXISTING CODE**  
C, C++, C#, Java, VB, Access, Pascal, Cobol, Fortran, ...

**DEVICES AND DOMOTICS**  
X10, Robot, Production line, ...

## 6 - MAINTENANCE AND EVOLUTION

**SIS** (Software Infrastructure Supervisor)

**GENERATOR OF REPORTS AND QUERIES**

**DYNAMIC AUDIT**

**DUMP DE DÉBOGAGE**

**MONITORING ROBOT**

**CONTROL CENTER :**  
"HFSQL"  
"APPLICATIONS"  
"FEEDBACK"

**PROFILING**

## 5

### DEPLOYMENT

**Standard setup**

**Store**

**Push setup**

**Live Update**  
Http/Netwokr

## 4

### GENERATION

**CLOUD COMPUTING**  
Webservices generation and use, SOA, Saas, SQL Azure, ...

**JAVA**  
Windows, Linux, Mac

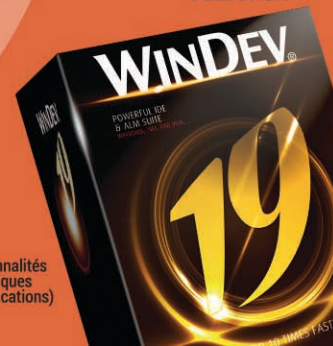
**COMPONENTS**

**.NET**

**WEBSERVICES**

**MOBILE**  
Android, Windows Mobile/CE, Windows Phone, iOS (iPhone et iPad), Industrials devices, ...

**WEB 2.0, HTML 5**  
AWP, AJAX, Mashup, ...



**FAA**

**FAA**  
(Fonctionnalités Automatiques des Applications)