

# ANDREA VINCENZI

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## DATA WAREHOUSE ARCHITECT / BUSINESS INTELLIGENCE DIRECTOR

*Top-ranked Data Warehouse expert with in-depth knowledge of all design methodologies. Competent in all stages of the project life cycle, from business analysis and data modeling to ETL architectures and analytic applications.*

### PROFESSIONAL PROFILE

After completing a degree in Electronic Engineering at the renowned Politecnico di Torino, worked for 15 years with companies including Olivetti, Digital Equipment, and Ernst & Young as senior programmer, project leader, program manager and senior manager, leading projects in a broad range of areas including complex international environments.

In 1996 became an independent consultant and launched [www.olap.it](http://www.olap.it), which quickly became one of the leading Business Intelligence sites on the web.

Developed a series of courses on DW design and Business Intelligence that constitute a compendium of the best methodologies, using case studies from own experience.

Unique combination of technical and management skills, with proven ability to lead complex, globally distributed teams and deliver projects on time and on budget.

### AREAS OF EXPERTISE

#### Technical skills

- Data Warehouse Design and Architecture
- Able to write software in any language
- Expert knowledge of Unix and Windows
- Solid academic background

#### Managerial & personal skills

- Results-oriented, ability to focus on priorities
- Ability to deal with all company levels
- Experienced team leader
- Mother tongue Italian, excellent English

### PROFESSIONAL EXPERIENCE

#### 1996-PRESENT

#### DATA WAREHOUSE ARCHITECT

Consultant / senior manager / project leader for primary consulting companies, designing and delivering many Data Warehouse / BI systems for clients in both the private and public sectors including Banking, Insurance, Manufacturing.

As an independent consultant delivers own Data Warehousing courses to major clients.

#### Poste Italiane

As a project leader / DW Architect led the following projects:

- ❖ Corporate Data Warehouse (1<sup>st</sup> version in 2001 with Oracle, 2<sup>nd</sup> version 2007 with Teradata)
- ❖ Integrated solution to manage DW metadata
- ❖ Other projects and solutions for the Data Management Division

#### INAIL

Re-engineered the existing Data Warehouse, moving from a hub-and-spoke architecture to a dimensional bus model (Kimball). The result was an impressive increase in performance, obtained using less disk space and with a much reduced maintenance effort.

#### Capitalia

Designed and implemented a new subject area (credit / loans) of the corporate Data Warehouse

**DMC** Designed and implemented a sales and budgeting Data Warehouse (DMC is the Italian leader in direct marketing sales)

**Wurth Italy** Consulted in the re-engineering of the corporate Data Warehouse

**Molteni Pharma** Designed and implemented a sales and budgeting Data Warehouse

**Chimet** As the Chief of Information Systems and member of the board of management developed the company's total I.T. strategy and managed several strategic projects

**Telecom Italia** Designed and implemented a system to manage mobile phone contracts and to assign mobile phone numbers

**1981-1995 PRINCIPAL SOFTWARE ENGINEER / PROJECT LEADER**

Worked as an employee with Systems & Management (largest consulting company in Italy), Olivetti, Digital Equipment (U.S. Engineering, Nashua, NH), developing application and systems software.

**Digital Equipment (DEC)** Project leader for VMS/POSIX - one of the most challenging and strategic projects ever done inside DEC corporate software engineering, which required the coordination of 3 project teams geographically distributed between Italy and the US. The project had high internal and external visibility and was presented at several international conferences.

**Olivetti** Team leader for the central Unix engineering group. Responsible for defining systems architectures, tuning, pre- and post- sales assistance to first-tier customers across Europe.

**Systems & Management** Ported the Unix system kernel to new hardware platforms, designed and delivered training courses based on structured analysis and design, participated in different projects as a team member and/or project leader for banks and private industries.

**TECHNICAL SKILLS**

**DB & Data Warehouse** Relational and dimensional data modeling (*Erwin 7*)  
Reporting and OLAP tools (*MS Reporting Services, Business Objects, Oracle BI, various Olap tools*)  
Relational Databases (*SQL Server, Oracle, Teradata*)  
ETL tools (*IBM Datastage, Microsoft SSIS, Informatica Powercenter, Oracle PL/SQL*)

**Systems Software Dev.** Expert knowledge of both Windows and Unix platforms  
.Net, C, Unix Shell, PL/SQL, PHP

**EDUCATION**

**University** Electronic Engineering Degree (*Politecnico di Torino*)

**High School** Classical Lyceum (*Greek, Latin, literature, philosophy*)

**Comment [AV1]:** Which one? Where?

**OTHER QUALIFICATIONS**

- Author of numerous articles for primary IT industry magazines, member of European Committees for evaluation and funding of IT research projects, speaker at international conferences
- Member of the Board of Directors of i2u (Italian Unix Users Group), chairman of the Open System Standards SIG (Special Interest Group)
- Owns a vast personal knowledge base consisting of thousands of articles, books and documents on Data Warehousing. This material has been successfully used under many circumstances to solve real customers' problems.

**Comment [AV2]:** Do you mean European Commission committees?