

# Zeus Networks' Company Portfolio

## Software Development Portfolio

- *C3 Locale* – Led a team of developers that developed a “campaign management solution” for managing election campaigns. This software uses Geographical Information System (GIS) to display data. It also utilizes SMS technology for dissemination of information to members of the campaign organization. It also has a inventory system for managing and tracking campaign materials and paraphernalia.
  - Methodology: Iterative-Waterfall
  - Database: MS SQL Server 2005/MSDE
  - Programming Language: MS Visual Basic/.Net
  - OS: Microsoft XP/2000/ME
  - Architecture: .Net Framework
  
- *Philippine Science High School Community Portal* – Led a team of developers that developed a school management portal. The Portal is a School Management System which consists of the following modules: Report Card and Transcript Generation, School Enrollment, Student Record Mgmt, Faculty Management, Schedule Generation and Facility Management
  - Methodology: Iterative-Waterfall
  - Programming Language: PHP
  - Database: mySQL
  - OS: Linux
  - Web server: Apache
  - Architecture/Implementation: web-based application
  
- *TradePass Portal* - Managed a technical team for the development of *TradePass*. TradePass is a Business to Government (B2G) portal that allows trading community to transact business with Bureau of Customs, Philippines. The portal allows lodgment and tracking of import entries via the Internet or mobile phones
  - Methodology: Iterative-Waterfall
  - Programming Language: PHP
  - Database: mySQL
  - OS: Linux
  - Web server: Apache
  - Architecture/Implementation: web-based application
  
- *BOSS ERP/Persigno* - Managed a team of developers that developed an Enterprise Resource Planning Solution called BOSS. BOSS is a fully integrated real-time multi-company ERP (Enterprise Resource Planning) solution offering complete financial management, document management and eBusiness solutions. This complete set of Business Applications allows your managers and employees to make decisions based on timely analysis of timely data. BOSS can fit any type of business or organization from manufacturing to distribution. BOSS has the following features: General Ledger, Accounts Receivables, Accounts Payables, Inventory, Order Entry, Quotes and Contracts, Project Monitoring and Accounting, Purchasing, Sales, Financial Reports, Customer Relation Management and eCommerce modules. This product was later renamed to Persigno Financials.

- Methodology: Iterative-Waterfall
  - Programming Language: Dot Net, ASP.net, VB.net
  - Database: SQL Server 2000 or MSDE
  - Platform: Windows Platform
  - Architecture: Three-tiered .Net Architecture and Framework with VB.net and ASP.net presentation layers
  - Clientele: ppDIC.net, Cygnus Industries, Globesco
- MISForRent.com – manage, design and developed an ERP application that provides services over the internet. The financial application has the following modules: Accounting (General Ledger, Chart of Accounts and Journal Entries), Sales, Purchasing and Inventory Management. The goal is to make the application modular so that the customer or client can select only the modules needed and pay on only what was needed.
    - Methodology: Iterative Waterfall, UML-WAE
    - Programming Language: Java and JSP
    - Database: Oracle 8i
    - OS: Windows/Linux
    - Web server: Oracle/J2EE
    - Architecture/Implementation: web-based application
- *Zeus Document Management System (ZDMS)* – ZDMS is the only affordable document management solution in the country that transforms your printed and digital data into key critical resources which will enable your company to achieve the following: operation streamlining and workflow simplification, better customer satisfaction, Cost effective and efficient business. ZDMS is renamed to Persigno Document Management Solution in 2003. ZDMS/Persigno has the following modules: Scanning, Indexing (automated using OCR), Proofreading, Storage, Search and Retrieval
    - Methodology: Waterfall
    - Database: SQL Server/Access
    - Platform: Windows Platform
    - Architecture: Client-Server Application
    - Clientele: Zuellig, Lucent Technologies, Dept. of Labor and Employment
- *BOOMBayan.com* - Managed a team of developers that developed a web portal called BOOMBayan. BOOMBayan is web-based solution that will help companies get online quickly. It has an online store builder that allows merchants to select design of the online store and manage product catalog. Portal's main feature includes: online product catalog, Business directories, shopping cart s, payment gateway, Classified ads and auction, Search engine
    - Methodology: UML, Spiral
    - Database: SQL Server 7.0
    - Platform: Windows Platform, ASP
    - Architecture: web-based solution
- *Bonded Warehouse Inventory Control System (BWICS)* – Managed and developed BWICS. BWICS monitors withdrawals of goods from the Bonded Warehouse. It computes duties and taxes, arrastre charges, Brokerage fees and other charges. It automatically computes the duties and taxes based on Harmonized System Code
    - Methodology: Waterfall
    - Programming Language: Visual Basic

- Database: Access
  - Platform: Windows
  - Architecture/Implementation: Client-Server
- Tsuhan USA Portal – Manage the technical team that developed TsuhanUSA Portal. This portal is an eCommerce Portal that integrates several portals namely amazon.com, JCPenney, GAP and other eCommerce portals. The portal caters to the Japanese market. Portal is an eCommerce portals. TsuhanUSA has product catalogs, shopping cart and a payment solution. It also has a language selector. User can choose if they want the contents to be in Japanese or English language.
    - Methodology: UML, Waterfall
    - Database: SQL Server 7.0
    - Platform: Windows Platform, ASP
    - Architecture: web-based solution
  - Med-Exchange- an eProcurement Portal for the Medical Industry. It has capability to do direct purchase or through auction and reverse auction. It utilizes the BOSS/Persigno portal solution to allow merchants to have their product catalog. The medical institutions such hospitals and clinics can publish their requirements and have it bid. They can set criteria on merchants who can bid.
    - Methodology: Waterfall and UML
    - Database - MS SQL server
    - Platform – Windows Server and ASP
    - Architecture – web-based solution
  - iTalk Voice Command software – a commercial application that allows basic computer operations to be controlled using voice command such as opening and launching of application, browsing the web and checking and reading of email messages.
    - Methodology: Rapid Application Development
    - Database - None
    - Platform – Windows Server and Visual Basic
    - Architecture – windows application

## Consulting Portfolio

- *IT Plan for eCompass* – eCompass is an internet services provider based in Cebu. We developed an IT Plan for eCompass as part of their Business Plan. A five year strategic IT plan was developed and written which includes requirements for setting up an ISP for hundreds of dial-up clients. Growth of clients was considered hence scalability of the solution and expansion of operation was incorporated in the IT plan. The plan includes infrastructure (hardware and network), information systems and manpower requirements and investment analysis.
- *IT Consultant* – Currently the adviser and IT consultant of the Bids and Awards Committee of Government Service Insurance System (GSIS). Some of the responsibilities include; Review of Terms of Reference, research and report on technical matters requested by the committee. Act as a resource person in BAC proceedings or meetings.
- *Home Guaranty Corporation Information System Strategic Plan* – Managed and develop an Information System Strategic Plan or IT Plan for HGC, a government owned Corporation.

Development was divided into three phases. First phase is the assessment stage which includes: IT Audit, Business Process Review and Strategic Planning. Second Phase is the Development of IT Plan. The third phase is the standardization of the plan to comply with the government requirements on ISSP.

- *Bureau of Customs Consulting Project* – Led a team of IT Consultants for the development of Terms of Reference and Request for Proposal for the 450M Computerization project of the Bureau. ZNI partnered with Pacific Consultant Incorporated (PCI), a Japanese consulting firm. As part of the contract, ZNI-PCI team also served as the consultant firm during the bidding for the 450M Computerization project.

## Services

- Software Engineering
- Software Methodologies and Design
- Database System Architecture and Design
- Data Modeling
- Software Development
- Object Oriented Programming

## Skillset

### Microsoft Platform

- Dot Net Framework
- Visual Basic and Visual Basic.Net
- Visual C++ /C#
- ASP/ASP.net
- Installshield

### Open Source

- J2EE
- PHP
- Java
- LAMP (Linux/Apache/mysql/PHP)

## Software Analysis & Design Techniques

- UML Modeling
- Entity Relationships Modeling
- Use Cases
- Data Dictionary
- Data Flow Diagrams
- Sequence Diagrams
- Class Diagrams

## Database Systems

- MS SQL Server/MSDE
- Oracle
- MySQL

- PostgreSQL
- Access