















































### QSS Technologies

## The OMCS Framework

- ☐ Methodology Having acquired a wealth of knowledge and experience in mission critical system development, IP VALUE has established the OMCS methodology for an open architecture. The OMCS methodology provides for building mission critical systems in a short period of time, and is proven in projects.
- Pre-integrated and tested units A unit is a combination of field-proven, best of breed hardware, operating systems, middleware and other components. An OMCS platform can be fabricated by combining units. Examples of units include an OLTP unit and a database unit.
- □ Tools A rich set of tools and templates are used to shorten system development. An example of an OMCS tool is the configuration template which is used to generate configuration parameters for all the components in a unit.
- Extended middleware Middleware to enhance open systems TP monitors, application servers, databases and other components in the architecture.
- □ System integration (SI) consulting services System integration services round the World will be provided by SUN, IP VALUE's and partners.

QSS Technologies

## **OMCS Value Proposition**

The OMCS value proposition includes <u>shorter development cycles</u>, <u>lower ongoing maintenance costs</u> and greater <u>scalability</u> and <u>flexibility</u>.

System Integration Technology to develop a highly reliable Platforms in short time

Standards <u>based open systems</u>, however, utilize off-the-shelf package development, allowing OMCS integration to take advantage of both packages and custom development, resulting in rapid development.

A mainframe platform is provided through a single vendor, while an open system, utilizing products from various vendors, this requires a much greater systems integration effort

IP VALUE established its OMCS platform integration methodology, which utilizes combination of pre-integrated, best-of-breed products, through experience in de

We offer two system integration methods:

These methods substantially reduce OMCS platform development and integration work.

# 955

Technologies

## Architecture

The OMCS architecture is used to quickly develop mission critical systems. The architecture includes a pre-integrated hardware and software platform architecture as well as methodology, tools and templates.

The architecture is "battle tested" and has been used in some of the largest open system, mission critical



- □ Units A unit is a reusable modular component comprised of a field-proven combination of best-of breed hardware, operating systems, middleware, IP VALUEs and other products.
- ☐ Methodology IP VALUE was using OMCS methodology for an open architecture. The OMCS methodology was provided for building mission critical systems in a short period of time, and is proven in
- ☐ Tools and Templates A rich suite of tools and templates was developed and used for OMCS solutions. Integration templates. The templates significantly reduce system design and integration
- □ Consulting Services We fully assist customers in ☐ Consulting Services We fully assist customers in the creation of next-generation enterprise systems. This comprehensive service, advanced technology and proven know-how, extends from system planning and integration to operational support during the entire service life of the system.

Technologies

## Unit Combination Method ( UCM )

The unit combination method allows system architects to combine existing pre-defined units (Application units Database Units...) to create a platform architecture

Using existing units, that have already been developed and tested → results in a substantially shorter project cycles. Because the HW/OS/Middleware combination has already been evaluated and tested, there is also a substantial reduction in the manpower required for product evaluation.

A unit is a <u>reusable modular component</u> comprised of a <u>specific combination</u> of <u>best-of-breed hardware and software products</u>. It is fully evaluated and field proven. Thus unit-based integration can avoid unforeseen problems caused by unverified product combinations from multiple vendors.

## System Model Method (SMM)

System models are field proven OMCS frameworks → patterned after actual installations and serve as models for efficiently building OMCS solutions

Their architecture and parameters can be emulated to significantly reduce the time-to-deployment from design to integration and evaluation

Examples of system model architecture include a  $\underline{\text{high-reliability system model}}$  and  $\underline{\text{hub integration system model}}$ .

