



DASHER TECHNOLOGIES SOLUTION SERVICES OVERVIEW

Dasher Technologies Solution Services augment in-house capabilities with consulting and value added services for:

- Architecture development
- Implementation and migration planning
- Proof-of-concept test design and planning
- Technical training development and delivery
- Infrastructure configuration and testing

Working cross-functionally with your in-house teams, we define and develop new technology solutions that deliver the anticipated business benefits while preserving legacy services. Example solutions include: the development of a server Blade infrastructure solution that utilizes converged technologies such as Fibre Channel over Ethernet (FCoE), and incorporates virtualization, automated provisioning and centralized management.

ARCHITECTURE

Dasher Technologies technical consultants help your team develop new architectures as well as logical, cost-effective approaches to evolving current systems. We work with technical and business stakeholders to clearly define what the future of your infrastructure looks like and answer your questions.

What services will be enabled? What standards will be supported? What does scalability look like? What is the most cost effective way to meet your availability requirements? How can you reduce your TCO?

We begin by evaluating your existing infrastructure and understanding your business objectives. We then work with you to understand the technology and product options and evaluate the pros and cons for your specific objectives. We also offer innovative technical approaches to the deployment of new technologies while minimizing the interruption of services. Our services are tailored to meet specific project requirements and may include high-level architecture design,

requirements specification, vendor qualification and selection, as well as business case justification.

IMPLEMENTATION AND MIGRATION PLANNING

Dasher Technologies can take a leadership role in planning and executing architecture build-out or migration. We perform the detailed planning necessary to take your systems from where they are today to where you want them to be. We define the requirements for the architecture migration or green-field installation, identify services to be migrated, create a project design including element identification, assist with vendor evaluation including “bake-off” between vendors, design and execute proof-of-concept tests, develop and conduct training, and write technical documentation. Our architecture migration and planning services not only encompass the upgrade or addition of new elements, but also take into consideration the changes required to your existing systems when those services are still required.

PROOF-OF-CONCEPT TEST DESIGN AND PLANNING

To help you choose the best solution, *Dasher Technologies* designs proof-of-concept test environments and document test cases to demonstrate the features and functionality as defined in the solution design. We also work with in-house engineering teams and the vendor(s) to set up and execute the proof-of-concept testing. Upon completion, the test results are summarized and documented to provide meaningful feedback to the key decision makers within your organization.

TECHNICAL TRAINING DEVELOPMENT AND DELIVERY

We design and deliver customized technical training that integrates with available training materials from vendors, greatly increasing the return on your training investment and shortening time-to-proficiency. In particular, *Dasher Technologies* consultants have in-depth knowledge of the solutions we offer and have developed and delivered numerous customized training courses.



Unique to *Dasher Technologies* is an ability to create training materials suitable for delivery to mixed audiences of engineering professionals, operations staff, product marketing, and sales professionals. Our creative approach to training simplifies scheduling your staff time and maximizes your training investment.

INFRASTRUCTURE CONFIGURATION AND TEST

Dasher consultants have particular architecture design expertise in the following:

- Server consolidation and scale out compute
- Converged network solutions
- Optimizing virtualization environments
- Multi-tiered storage environments
- Centralized management

SERVER CONSOLIDATION AND SCALE OUT COMPUTE. For large server consolidation projects, we defined and map existing features and parameters to equivalent Blade and scale out architectures to illustrate functionality and the ROI advantages of these form factors. More specifically, we show how these architectures will meet or exceed your project requirements in performance, efficiency and cost.

CONVERGED NETWORK SOLUTIONS. We are experienced with the latest technologies and can design a network topology that can improve traffic flow, maximize available

bandwidth and take advantage of the latest IO virtualization technologies. We have also developed strategies to replace legacy Ethernet and Fibre Channel fabrics with FCoE and virtualized switching technologies. At the same time we will illustrate how these cutting edge technologies and architectures will improve performance and reduce the number of managed elements in your environment.

MULTI-TIERED STORAGE ENVIRONMENTS. We have developed an implementation strategy for large complex storage networks. We have defined and documented storage architectures, including QoS, replication, Disaster Recovery, and de-duplication for multi-vendor and multi-protocol environments. And we will work with various stakeholders to illustrate cost scenarios vs. optimizing storage performance, driven by the nature of specific traffic flows and usage. We work with you to understand your goals and requirements for data security and retention and provide a solution plan, a configuration and a template to achieve your business objectives.

CENTRALIZED MANAGEMENT. In addition to designing solutions to maximize your investment we also understand the need for effective centralized management. We create management plans customized to your environment and resource constraints. We will develop and implement a strategy to maximize the available tools for fault management, system

provisioning, remote support, logging, and user access controls.

DASHER TECHNOLOGIES DELIVERABLES

When you contract with *Dasher Technologies* for technical services, we work with you to define a specific project that meets your needs. However, technical solutions deliverables typically include:

- System architecture documentation, such as baseline documentation, new technology specifications, executive presentations, cost-benefit analysis, vendor tradeoffs, and planning spreadsheets
- Test plans, including proof of concept, beta test, and lab validation
- Architecture migration plans including step-by-step procedures and contingency back-out steps.
- Service migration plans including documented migration steps to implement existing services on a new platform.
- Training materials and training classes for custom training incorporating vendor modules, service specific modules and protocol study depending upon your specific requirements.

CONTACT US TODAY

For more information or to arrange a meeting, please call or email:

Scott Ancha
Director Engineering Services
Scott.ancha@dasher.com
(866) 898-9506

Al Chien
VP, Sales
Al.chien@dasher.com
(866) 898-9506