

Devon County Council

Upgrading a Legacy Server and Back-up System to Improve Performance

Client | Devon County Council

Sector | Public Sector

About the Client

Employing in excess of 5,000 staff, Devon County Council is responsible for providing an extensive range of local authority services to the county's 800,000 residents, from library and emergency services to National Park and highway management.

The Company Challenges

Devon County Council needed to replace a server it had outgrown, as well as a legacy licensing system. The server was suffering from significant performance issues due to the increasing demands placed on it, and the business-critical back-up strategy was also complex. The council urgently needed a new cost-effective system that would bring about much improved performance and reliability, sourced and delivered in just four weeks.

The Solution

Recarta IT ran system health checks to highlight the legacy server's weak spots, architected the council's needs, and aligned the solution within their approved budget and in line with future growth and capacity needs. Recarta IT designed, planned, supplied and installed all the required hardware and undertook the migration. In addition, Recarta IT aligned the new three-year software and hardware support with IBM. To provide the council with maximum productivity, scalability and versatility, Recarta IT installed a two-server virtualised solution, split into licensing and applications functionality. The system was also set up to enable multiple uses of a single application, and users were able to share network cards to maintain operational flexibility.

The Results: Increased Performance Levels

Due to the advances in processor technology, performance levels doubled whilst providing maximum versatility and increased resilience across the platform.

The Results: Cost-Effective Solutions

Within the tight budget and timescale, Recarta IT was able to provide a secure, versatile and resilient network with highly flexible and scalable fail-over protection. Support costs for three years were rolled into the initial cost structure, ensuring the council benefits from minimal ongoing costs for the server solution.

The Results: Effective Management of Peak Workloads

Devon County Council is now able to easily manage peak workloads and handle concurrent changes to workload far more effectively, whilst allocating workloads to different partitions on the fly. With the introduction of virtualisation, the council can offer non-disruptive upgrades and patch management and expedient deployment of new partitions and workloads.

Testimonial from Devon County Council

"The new IBM server system has greatly enhanced both the resilience and the overall performance of this application. Recarta IT provided us with a first-class service throughout the sales and installation process and delivered the system on time despite a very tight timeframe. They are reliable, very helpful and made the whole migration process as smooth and straightforward as possible."

Richard Tuckett | Director of Aqua Global

About Recarta IT

Recarta IT specialises in the design, deployment, hosting and full management of Enterprise Server and Storage environments for business-critical applications and AI workloads in the Financial, Manufacturing, Distribution, Public and Retail sectors.

More information on Recarta IT's infrastructure solution:

<https://recarta.co.uk/infrastructuresolutions/>

