RACK INTEGRATION
FOR MEDICAL ENVIRONMENTS

> ❝ **Captec's combined expertise in design, manufacture and compliance positioned us as an ideal partner in delivering application ready, cost-effective and scalable racks that can be relied upon to help enable groundbreaking clinical developments.** ❞
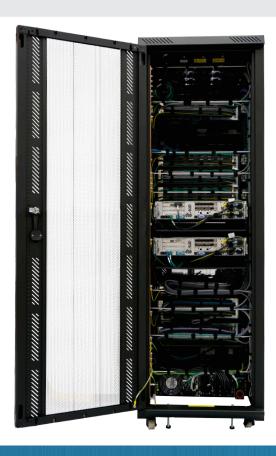>
> Product Development Manager, Captec

The solution is for a leading human care company, pioneering significant developments in the treatment of cancer and brain disorders. The customer aims to improve, prolong and save patient lives. This solution was developed to enable the development and implementation of a breakthrough in MRI-guided radiation therapy.

REQUIREMENTS & ISSUES

◥ Rack systems must satisfy exact customer specifications

◥ Rapid development of radiation therapy systems requires responsive technical support

◥ Continuity of build crucial as the customer's project requires reliability and availability

◥ Platforms must satisfy stringent medical certification requirements

◥ Reduced height and minimised footprint

◥ Solution must be optimised for reliability with a reduced mean time to repair (MTTR)

THE SOLUTION

- Captec leveraged experience to design an optimal solution that satisfied exact requirements

- Modified off-the-shelf solution reduces development timescales and supports a fast route to market

- Fully documented and consistent build with comprehensive BoM and supply chain management

- Captec delivered fully validated, certified and site tested systems, managing the entire process

- A customised solution to meet the customer's depth and height specifications

- Custom functionality and full front serviceability reduced MTTR timeframes

THE OUTCOME

- Projects timescales met and delivered on time as reliable and application ready rack systems

- Highly cost-effective solution achieved through expert component selection

- Flexible design enabled the project to evolve in line with customer determined changes

- Captec continues to support the customer and application with custom designed cabinets

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