



Case Study

Medical Device Firm Decreases Study Build Times by More than 50 Percent with *iMedNet* eClinical.

Business Challenge

A US-based medical device firm focused on delivering breakthrough Obstructive Sleep Apnea (OSA) treatments to patients who are non-responsive to traditional Continuous Positive Airway Pressure (CPAP) therapies recently found itself in need of a cost-effective, yet efficient, eClinical/EDC technology partner.

Their previous vendor's solution did not offer the robust and intuitive study build tools needed to quickly create and efficiently manage several significant, upcoming clinical trials. The impending studies focused on measuring the outcomes of a fully implanted neurostimulation device for OSA. They required a fast and flexible eClinical solution for both their initial trial and subsequent studies.

The rapid roll-out of this program was of critical importance given the prospective first-to-market position, the opportunity to strengthen the organization's key opinion leader status and the potential to expeditiously bring relief to millions of patients suffering from OSA worldwide.

The Solution

Following the assessment of various eClinical technology companies, the medical device firm ultimately selected MedNet Solutions' [iMedNet eClinical](#) platform.

The decision was based on the following platform attributes:

- ▶ Fast and efficient study build capabilities
- ▶ An intuitive, easy-to-use system
- ▶ A single, unified platform
- ▶ Cost-effective and transparent pricing

Implementation and Results

After the medical device firm's participation in *iMedNet's* in-depth Certified Designer Training, internal personnel were armed with the understanding and tools to quickly develop and configure both the initial trial and follow-on studies.

Critical to success were the following *iMedNet* capabilities:

▶ Study Build Tools

- Standard Templates
With the use of *iMedNet's* out-of-the-box templates, staff quickly ramped up the initial study design, alleviating the need to build all study configurations from scratch. These existing built-in templates streamlined study configuration to support the company's desired clinical work-flows, business rules and edit checks, as well as the required form triggers, email notifications and security reports. The platform also delivered pre-configured, yet easily editable, dashboards for use by various personnel ranging from investigators and research coordinators to data managers and monitors.
 - The CRO's established reporting work-flows and processes were supported without costly workarounds.



Delivering Results

"iMedNet's intuitive, easy-to-use system played an instrumental role in allowing us to quickly ramp up our clinical trial – helping us realize time savings of over 50% compared to our previous eClinical provider.

iMedNet has provided us the opportunity to expedite the process of bringing a life-changing treatment to the marketplace and increase our KOL position within the OSA industry."

- ▶ Clinical Database Manager
Mid-Size Medical Device Firm



- **Form Manager**

iMedNet's Form Manager provided an intuitive drag and drop interface that allowed staff to quickly design CRFs with required data fields, data properties definitions and embedded forms and shortcuts.

- **Form Library**

The Form Library provided the ability for future reuse of CRFs in subsequent studies. By automating the storage of form sections and individual questions, users were able to easily copy previously developed content from one study to another.

- **Replication Tool**

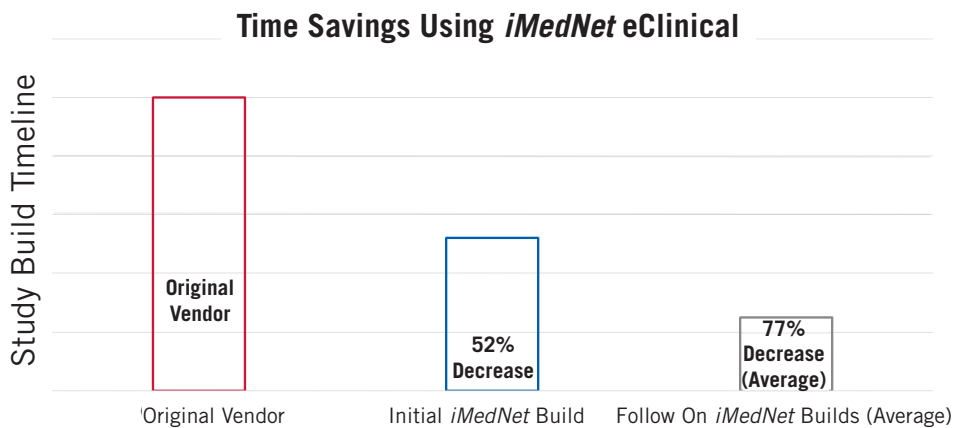
In only a few steps, the initial study – already fully tested and validated – was quickly replicated to serve as the basis for follow-on studies. Only those portions of the new studies that were modified from the original study required further validation.

Key Benefits

- ▶ **Substantial Time Savings**

Significant time savings were achieved through the utilization of *iMedNet's* intuitive study build and replication tools, delivering the following results:

- The organization decreased their initial clinical trial build time by 52% as compared to its previous vendor.
- Follow-on studies were created in 70% - 85% less time as compared to the previous vendor, who did not provide replication capabilities.



- ▶ **Ease-of-Use**

Through the use of *iMedNet's* configurable out-of-the-box templates, intuitive form manager, convenient form library, and efficient study replication tools, clinical personnel were able to easily build and deploy both the initial trial and subsequent studies. From CRF creation to work-flow configuration, the easily navigable platform accommodated all design parameters and processes required for the unique needs of each study – all without the need for coding knowledge or experience.

- ▶ **Cost-Efficient**

iMedNet provided all capabilities at an affordable cost with no hidden fees. This “no surprises” approach helped the organization minimize overall technology costs while gaining access to a best-in-class software-as-a-service (SaaS) eClinical platform. This investment also included MedNet’s 3-day Certified Designer Training – an in-depth, hands-on event that armed study personnel with the knowledge needed to effectively set up and manage trials from start to finish.

About MedNet

MedNet Solutions is a leading healthcare technology company specializing in electronic data solutions designed for the global life sciences community. MedNet’s proven, flexible and easy-to-use cloud-based eClinical systems dramatically improve the efficiency of clinical studies and registries of all types and sizes. Beyond simply electronic data capture (EDC), MedNet’s solutions deliver the tools and dashboards required to expertly manage all aspects of clinical research. Since 2001, pharmaceutical, medical device, biotechnology and Contract Research Organizations (CROs) around the world have trusted MedNet to consistently deliver the technology innovation, experience and reliability they need for success. For more information, please visit www.mednetstudy.com.

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