

# Top 7 Benefits of *iMedNet's* Cloud-Based Technology Infrastructure



MedNet Solutions' *iMedNet™ eClinical* platform is an innovative and truly cloud based solution. MedNet leverages the immense and highly redundant processing power of Amazon Web Services (AWS), as well as ClearDATA's best-in-class, healthcare-exclusive security and infrastructure services to ensure *iMedNet* provides a level of security, availability and service that is simply not possible through other deployment alternatives.

Here are the Top 7 Benefits offered by the *iMedNet eClinical* cloud infrastructure provided through MedNet's technology partners, ClearDATA and AWS:

## 1. Key Compliance Certifications

- ▶ HITRUST CSF - Health Information Trust Alliance Common Security Framework certification ensures compliance with regulations and standards including:
  - Health Insurance Portability and Accountability (HIPAA)
  - Health Information Technology for Economic and Clinical Health Act (HITECH)
  - ISO/IEC 27799:2008 Health Informatics
  - National Institute of Standards and Technology (NIST) Risk Management Framework (RMF)
  - Control Objectives for Information and related Technology (COBIT)
  - Payment Card Industry (PCI) Data Security Standard
  - State requirements (e.g. Nevada, Massachusetts and Texas)
  - Experiences and best practices of HITRUST participants
- ▶ ISO 9001, 27001, 27002, 27017, and 27018
- ▶ NIST 800-53
- ▶ SSAE 16

## 2. Robust Security

- ▶ Comprehensive, state-of-the-art security services include full data encryption (in transit and at rest), anti-virus software, firewall and VPN management, vulnerability scanning, intrusion detection, and complete data backups.

## 3. High Availability

- ▶ *iMedNet* is deployed on "virtual machines" networked across multiple, redundant AWS availability zones (each in a different physical geographic location), ensuring not only exceptionally high system reliability and availability, but also minimal disruption (and no data loss) in the unlikely event of a catastrophic event.

## 4. Unprecedented Scalability

- ▶ AWS provides immense processing power that can quickly and easily be accessed to ensure that the infrastructure (memory, processing and storage) needs of any and all future *iMedNet* studies are fully addressed.



### About *iMedNet*

*iMedNet* – the latest eClinical platform available from MedNet Solutions – delivers an innovative cloud-based solution that allows nontechnical research professionals to quickly build and effectively manage their own studies.

*iMedNet* is:

- ▶ Comprehensive
  - A single unified platform
- ▶ Fast
  - Set up in just days or weeks
- ▶ Affordable
  - A low cost, SaaS-based solution
- ▶ Proven
  - Successfully deployed worldwide
- ▶ Flexible
  - Superior built-in configurability
- ▶ Efficient
  - Documented savings >50%
- ▶ Secure
  - Safe and redundant infrastructure
- ▶ Award-Winning
  - Industry recognition for excellence

## 5. Exceptional Elasticity

- ▶ MedNet can also automatically increase or decrease the level of AWS infrastructure resources dedicated to meeting the day-to-day needs of existing *iMedNet* customers and studies. This ensures sufficient processing power is always available, delivering fast response times even at times of peak system utilization.

## 6. Enhanced MedNet Productivity

- ▶ By leveraging the world-class cloud services of AWS and the outstanding security services of ClearDATA, MedNet's technology team is free to focus on its primary core competency: creating superior eClinical cloud-based applications that address continually-evolving, real-world clinical research needs.

## 7. Excellent Return on Investment (ROI)

- ▶ The above cloud infrastructure provides the foundation needed for *iMedNet* to deliver superior results (eClinical functionality, security, speed, up-time and compliance) at highly affordable prices, ensuring that *iMedNet* is extremely cost-effective for studies of any size and duration.

### About MedNet Solutions

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](http://www.mednetstudy.com)

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