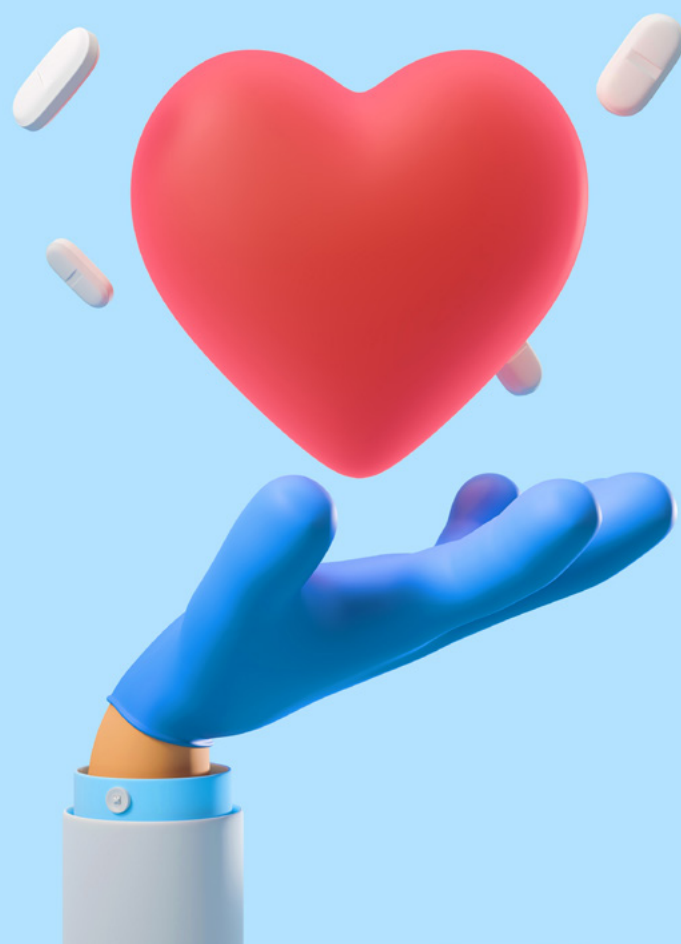


BROCHURE

The data dilemma

How better data management
means better clinical trials





Get serious about data management

Clinical data managers and data analysts are drowning in a sea of high-volume, high-velocity data.

It's an enormous burden – and a growing one.

Because, while there have been amazing advances in health technology – when it comes to clinical trials, data management processes haven't quite been able to keep pace.

There are, of course, good reasons for this.

The main one is that with more complex protocols and more data sources than ever before, clinical trials are now generating triple the amount of data than they did in the previous decade – and that's only going to rise.¹

It's a level of data collection never seen before, and it's extremely exciting; the possibilities are endless. But it's also a little overwhelming, with the lack of speed and efficiency having a direct impact on obtaining the valuable insights that can affect patients and physicians.

At NetApp, we think it's clear there's never been a better time to have a data management strategy that allows drug manufacturers to collect, share, and manage data, from development right through to launch, and all without disrupting the quality and integrity of clinical trials.

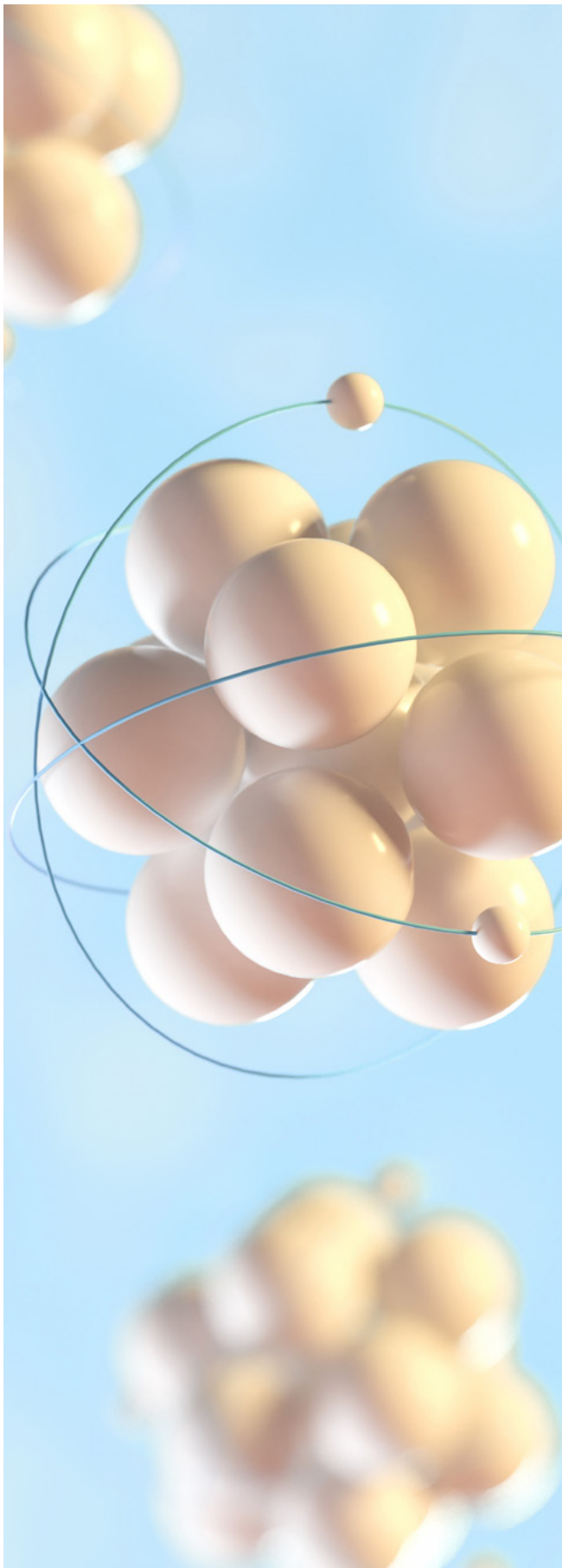
Let's talk about it.



Clinical researchers at leading pharmaceutical companies can easily generate tens of terabytes of data every day through scientific experiments.²

¹[Applied Clinical Trials, 2022](#)

²[Forbes, 2021](#)



Too much of a good thing...

Clinical trials today are demanding, with good reason. They need real-time data modeling, reliable simulation, ever-faster decision-making, fewer development costs, fewer research failures, and better experiences for patients and physicians. Phew.

But existing systems can find it difficult to keep up with all of these demands. For a start, many of these older systems aren't particularly user-friendly or interactive, so users aren't exactly getting the most from them. We've all encountered the frustration of slow, unwieldy machines.

Even more pertinently, there is simply more and more data available from more and more sources than ever before, thanks to advances in technology and the shift towards decentralized clinical trials.

The result? An inability to integrate disparate technologies and data to provide a seamless, connected, and integrated experience.



68%

The proportion of biotech executives expecting to spend more time on study oversight due to growing data complexity.³

...can affect the whole industry

We can see every day how this has knock-on effects throughout the industry. Take drug manufacturers struggling to make effective, timely decisions during the clinical trial phase because of poor data quality and accuracy. Or look at how the process of submitting definitive data to regulatory bodies is made more fraught than it should be.

Perhaps most pressingly, we can also see that when a drug is launched in the market, existing systems don't make it easy to collect and feedback data from doctors, hospitals, and pharmacies. This continuous monitoring is vital to identify adverse drug reactions. It's something so routine – and yet so important – it should be much easier to do simply and reliably.



Less than 15%

The percentage of clinical trials leading to successful drug approval, most commonly linked to a lack of data connectivity.⁴

³[Applied Clinical Trials, 2022](#)

⁴[Datavant, 2021](#)

Data that's always where you need it

Integrating technologies and data is crucial if we want to boost the quality and accuracy of clinical trial data – and ensure that it stays protected from cyberattacks.

That means management that allows data to be shared securely and handled seamlessly. And it means making sure that data is always connected, available, and easily accessible.

Better control over data propels initiatives like novel clinical trial design, trial enrichment strategies, and predictive preclinical and clinical models. It also enables enhanced clinical trial simulation tools, biomarkers, clinical outcomes assessments – and more.

Harnessing patient-generated data quickly, efficiently, and accurately leads to improved patient experiences, and ultimately, delivers lifesaving and life-changing therapies faster and at less cost.

Because the stakes here are high. After all, being able to connect data generated from clinical trials and beyond is fundamental to the advancement of science and improvement of public health. And that's surely worth aiming for.

“Sharing patient data generated from clinical trials is fundamental to the advancement of science and improvement of public health.”

Aaron Mann, Senior Vice President,
Clinical Research Data Sharing Alliance

Source: [Clinical Leader](#)



Enter NetApp

NetApp connects your data so it can be easily viewed and shared in real time for modeling, simulation, and analysis.

It opens up a world of informative, data-driven decision-making and reduced development time, costs, and late-stage research failures. And it makes it easier to spot opportunities to optimize drug efficacy and safety after launch.



A unified data experience

NetApp unites all your data, unlocking more value. We build your unique data fabric, simplify and connect your environments, and securely deliver the right data, services, and applications to the right people – anytime, anywhere. Unified data is more visible and easily protected, so you can stay on top of security and compliance concerns.



Unlock the full power of AI

Our specialized expertise cuts complexity and boosts your AI opportunities by making it easy to run analytics across multiple environments. We streamline your entire data pipeline to accelerate AI and deep learning. We also give you access to a world-class partner ecosystem that fully integrates with AI technology, channel partners and systems integrators, software and hardware providers, and cloud partners.



Ready to take the next step?

To find out how, visit our website today.

[Get started](#)



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