

# Stellaromics

## Rapid IT Enablement for a High-Growth Biotech Startup

<b>INDUSTRY</b>	Biotechnology · Spatial Genomics R&D;
<b>HEADQUARTERS</b>	Boston, MA · with San Diego R&D; site
<b>ENGAGEMENT</b>	Managed IT, Microsoft 365, Endpoint Management, Storage
<b>STACK</b>	Microsoft 365 / Entra ID · Intune · NinjaOne RMM · Synology NAS · CIPP

<p><b>&lt; 2 wks</b></p> <p>to audit-ready baseline</p>	<p><b>~1.44 PB</b></p> <p>research storage managed</p>	<p><b>30+</b></p> <p>endpoints under co-management</p>	<p><b>2 sites</b></p> <p>Boston + San Diego</p>
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### The Challenge

Stellaromics needed to stand up a secure, scalable, and audit-ready IT environment in under two weeks to support aggressive hiring and live R&D operations. The team was generating massive imaging datasets across two coasts, onboarding scientists weekly, and preparing for investor and partner due diligence — all without a dedicated internal IT function.

### Our Approach

- Hardened the Microsoft 365 / Entra ID tenant with conditional access, MFA enforcement, and a codified standards baseline managed via CIPP.
- Deployed NinjaOne RMM and Microsoft Intune across 30+ Windows workstations for unified patching, monitoring, and zero-touch onboarding.
- Designed and rolled out a hybrid Active Directory / Entra ID architecture to bridge lab instruments and cloud identity.
- Stood up a multi-site Synology NAS estate (~160 TB per node × 9 nodes) with replication between Boston and San Diego to keep raw imaging data close to the bench.
- Established a recurring monthly leadership briefing covering service KPIs, endpoint health, M365 posture, storage utilization, and project status.

### Outcomes

- Audit-ready security posture achieved within the first sprint, supporting investor diligence and partner data-sharing requirements.
- Same-day workstation provisioning for new scientists — onboarding time cut from days to hours.
- Single pane of glass across endpoints, identity, and SaaS — leadership gets a clear monthly read on IT health and risk.
- Storage growth tracked and forecasted as part of the recurring update — no surprises on capacity planning for sequencing and imaging workloads.

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*“Boston Managed IT became our IT department overnight — they gave us the guardrails of a mature enterprise without slowing the science down.”*

— Stellaromics Leadership

Read more: [https://bostonmit.com/case\\_studies/biotech/](https://bostonmit.com/case_studies/biotech/)