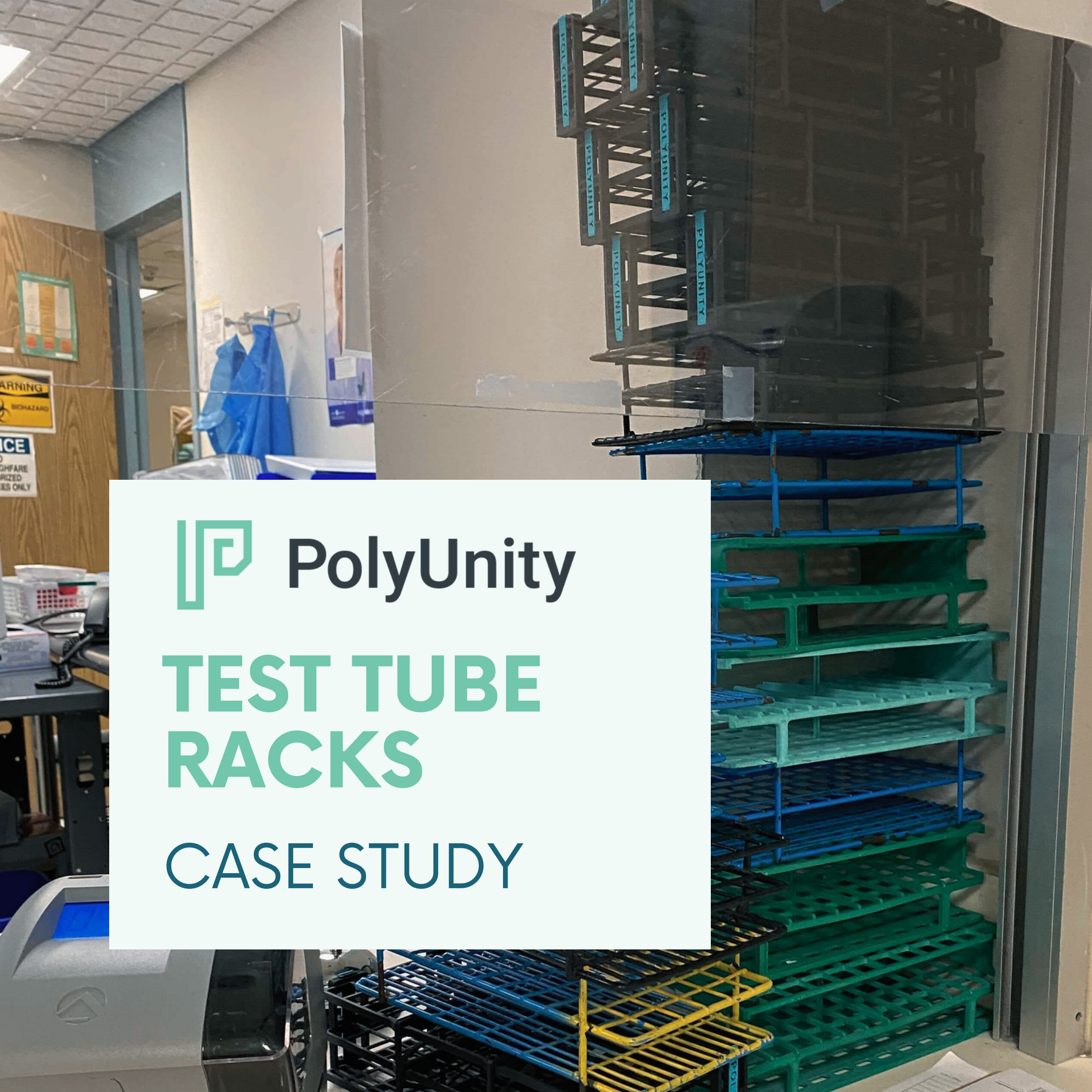




PolyUnity

TEST TUBE RACKS

CASE STUDY

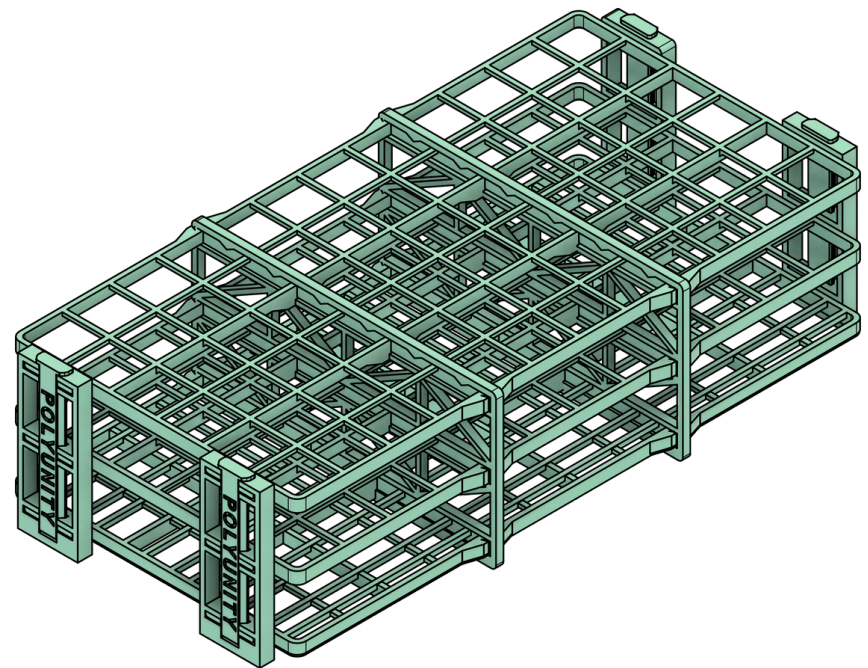
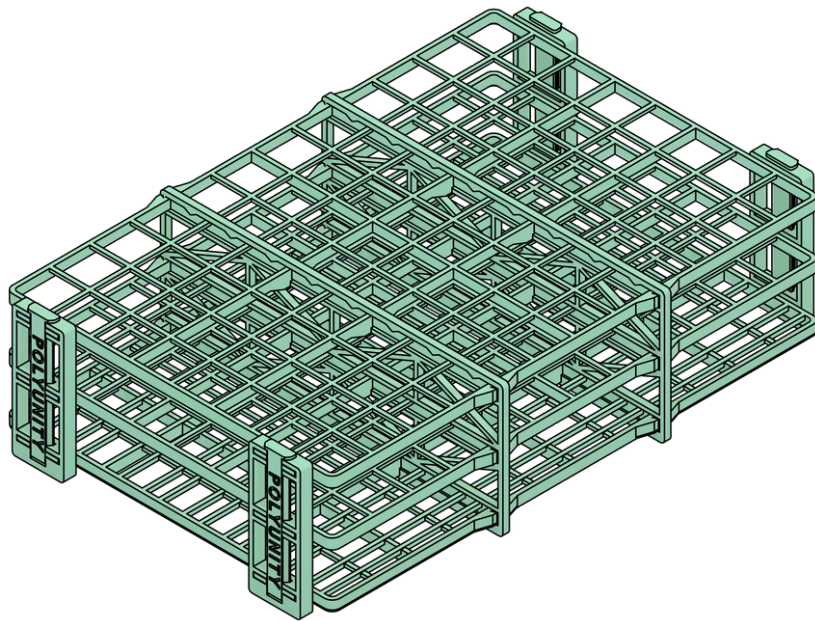




CHALLENGE

Commercial options for lab racks lacked durability, customization options, and compatibility with various vial sizes and workflows, leading to **inefficiencies in sample processing and organization**. The shortage of blood collection vial racks in medical laboratories during the **early 2021 pandemic supply chain crunch** highlighted the need for a robust and flexible solution.





SOLUTION

PolyUnity designed a series of custom test tube racks **tailored to the unique requirements of lab operations**. Our innovative designs **increased strength and longevity**, accommodated a wider range of vial diameters and heights, & featured customizable labelling options to **streamline sample identification and processing**.





The **customizability** of the racks offer **flexibility & scalability**, empowering labs to **streamline workflows & optimize operations**. As well as addressing supply shortages, Lab staff benefit from **improved organization**, **reduced risk of errors**, and **increased output**, ultimately contributing to **better patient care**.

BENEFITS AT A GLANCE



**Improved
Organization**



**Supply Chain
Resilience**



**Reduced
Risk of Error**



**Workflow
Efficiency**



“

Having **all-in-one custom racks** will definitely save us from purchasing three different types. **Cutting styrofoam boxes** to try and make things work **isn't ideal for us...**

**Sr. Technologist,
Molecular Diagnostics Lab**

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