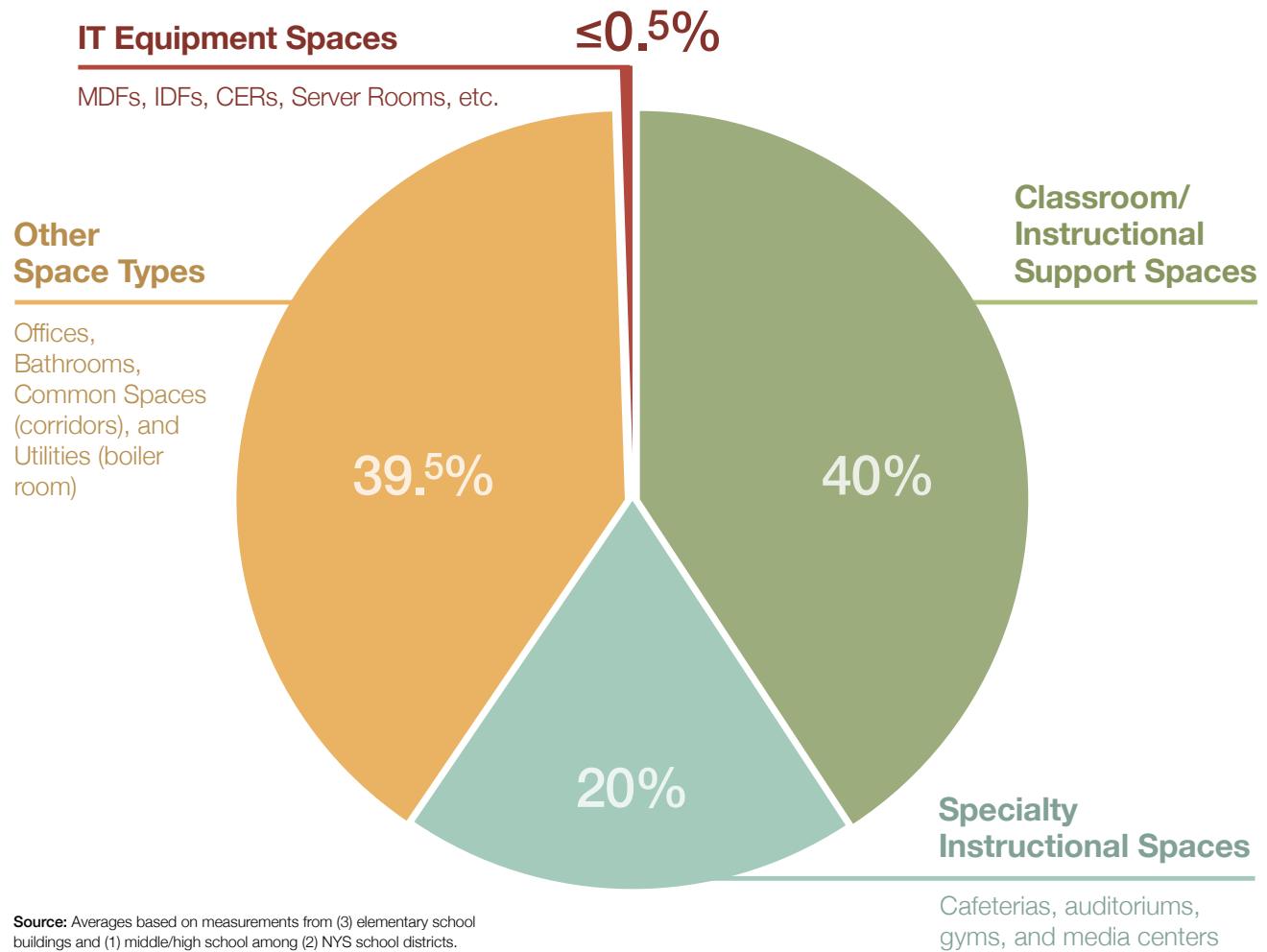# The most overlooked spaces of your district's facilities

Spaces dedicated to **housing IT equipment** average less than 0.5% of a district's total interior square footage. Yet if even one of these spaces doesn't meet industry best practices, it could put your entire district's digital connectivity at risk including IP-connected security, wireless access, and instructional technology systems.

IT Equipment Spaces — ≤0.5%

MDFs, IDFs, CERs, Server Rooms, etc.

Other Space Types — 39.5%

Offices, Bathrooms, Common Spaces (corridors), and Utilities (boiler room)

Classroom/ Instructional Support Spaces — 40%

Specialty Instructional Spaces — 20%

Cafeterias, auditoriums, gyms, and media centers

Source: Averages based on measurements from (3) elementary school buildings and (1) middle/high school among (2) NYS school districts.

It is important to note differences in school district terminology:

- **Main Distribution Frames (MDFs)** and **Intermediate Distribution Frames (IDFs)** are telecomm legacy terms from the '70s referring to telephone-related spaces.
- **Communications Equipment Rooms (CERs)** and **Technology Rooms (TRs)** are more contemporary, inclusive terms for spaces that house IT equipment and other technology systems beyond voice and data to include security and instructional classroom systems.
- **Server Rooms** are especially important CERs that require greater security measures and in-room environmental controls.

Visit **Archi-Technology.com** for information about technology consulting services to maximize your IT equipment spaces and add years to your district's technology systems' usable lives.

THE CASE OF OLD PROBLEMS WITH NEW TECHNOLOGY

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