

Serious Games in Architecture

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<http://www.coa.gatech.edu/imagine/>

A serious game is a term used to refer to software or hardware application developed with game technology and game design principles for a primary purpose other than pure entertainment. Serious games include games used for educational, persuasive, political, or health purposes.

-Wikipedia

- Who we are and what we do
- Overview of Visualization
- Demos:
 - Animation Sampler
 - Piedmont Park Conservancy
- Real-time Visualization
- Why video games?
- Real and Virtual - Interoperability
- Demos:
 - Peachtree Corridor
 - Georgia Tech Campus
 - First Responders

Interactive

Media

Architecture

Group

IN

Education



The IMAGINE Lab is an architectural visualization lab in the College of Architecture.

- ❑ 4.5 Researchers
- ❑ 5 Elective Courses
- ❑ 8 to 16 Undergraduate and Graduate Students
- ❑ Media Corner



We specialize in creating 3D computer models of architectural environments providing a means for diverse audiences to communicate.

- Still Image Renderings
- Electronic Collages
- Animations
- Interactive Presentations
- Online Real-time Environments

Architectural Visualization



Architectural Visualization



Architectural Visualization



Architectural Visualization



Architectural Visualization



Architectural Visualization



Architectural Visualization



Architectural Visualization

- **Uses**

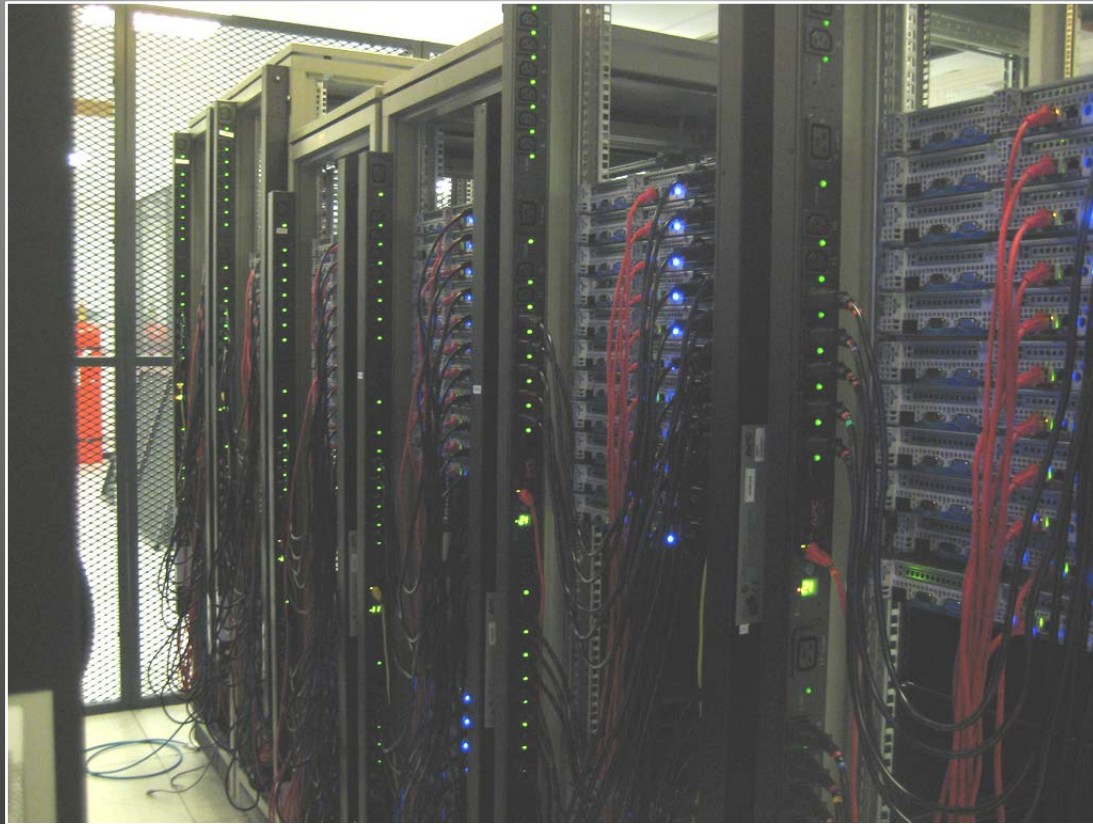
- Marketing
- Fundraising
- Communication
- Decision Support

- **Clients**

- Georgia Tech
- Georgia Aquarium
- Piedmont Park Conservancy
- Coca-Cola
- Central Atlanta Progress
- And Others

Piedmont Park Conservancy





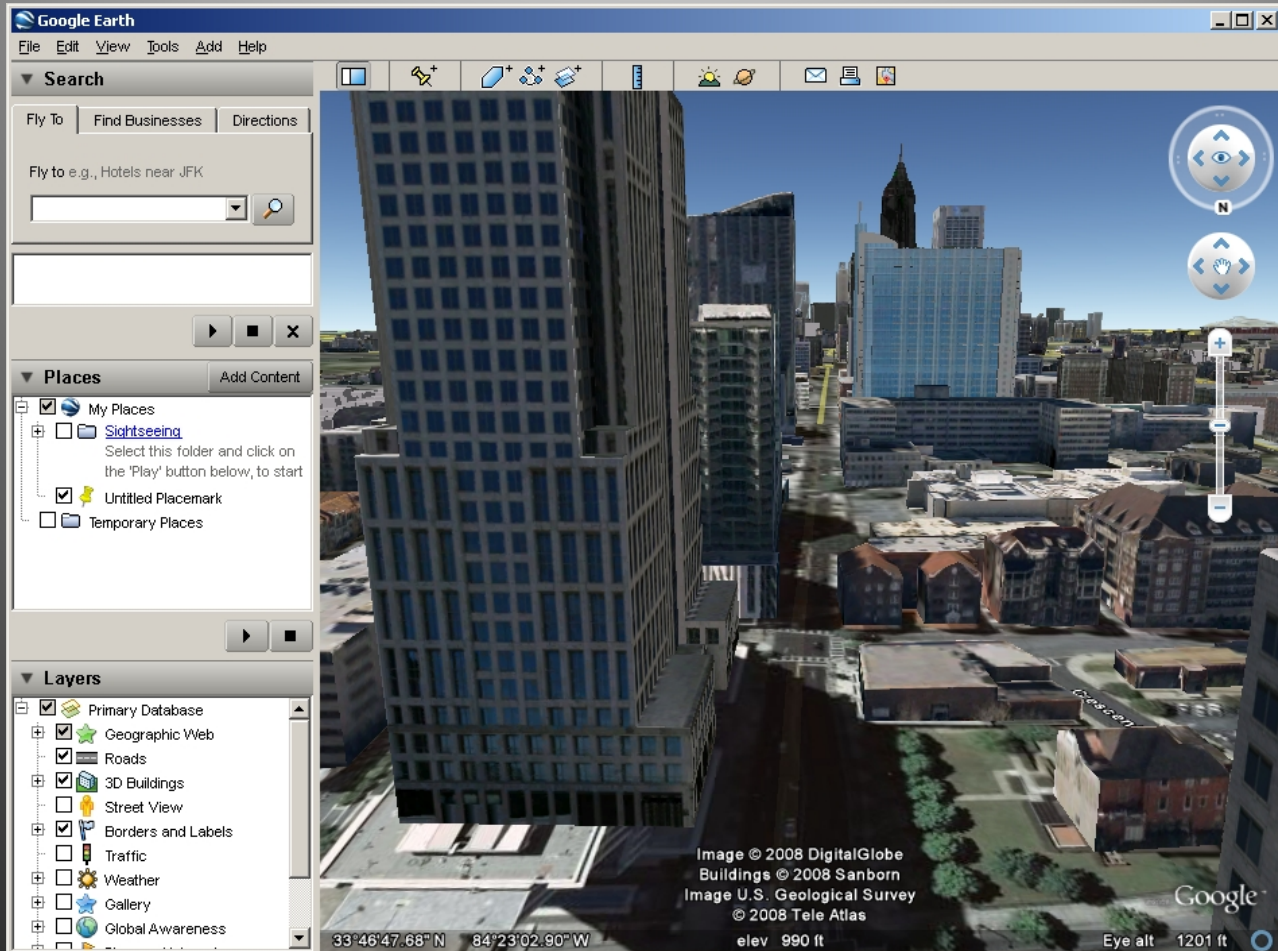


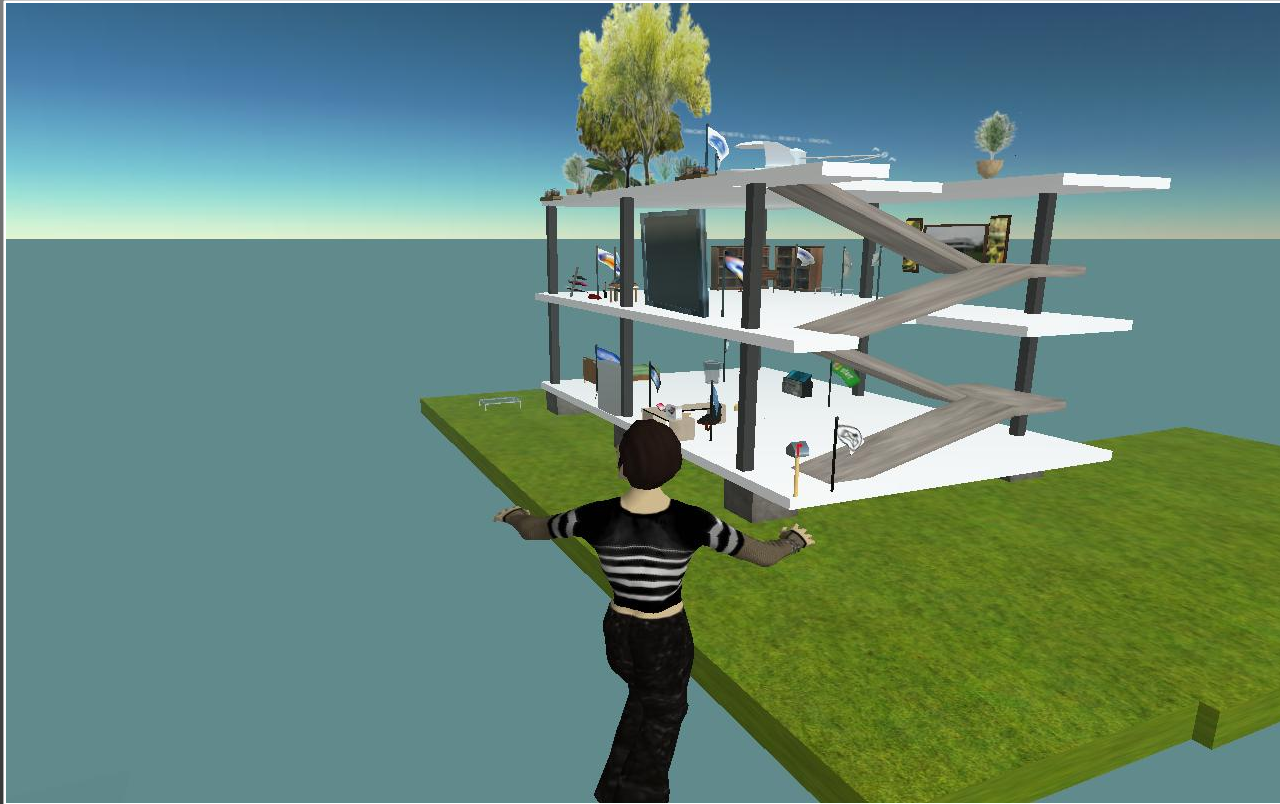








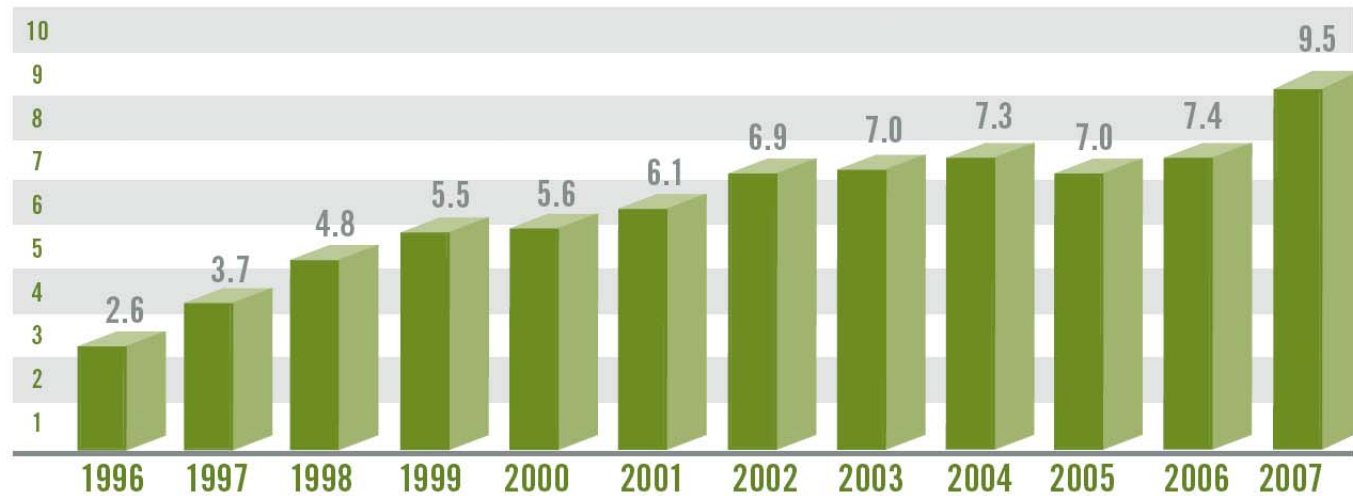






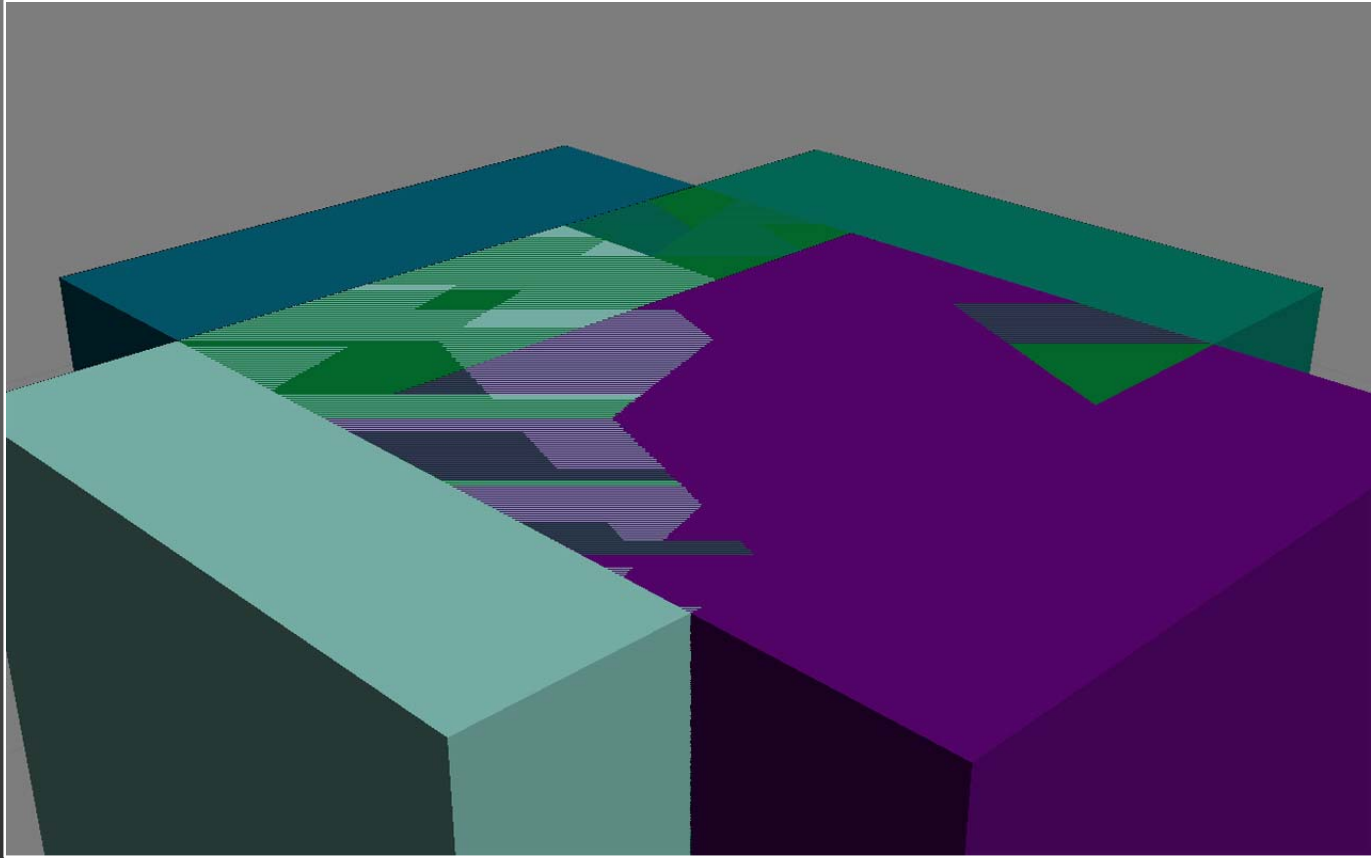
U.S. COMPUTER AND VIDEO GAME DOLLAR SALES GROWTH

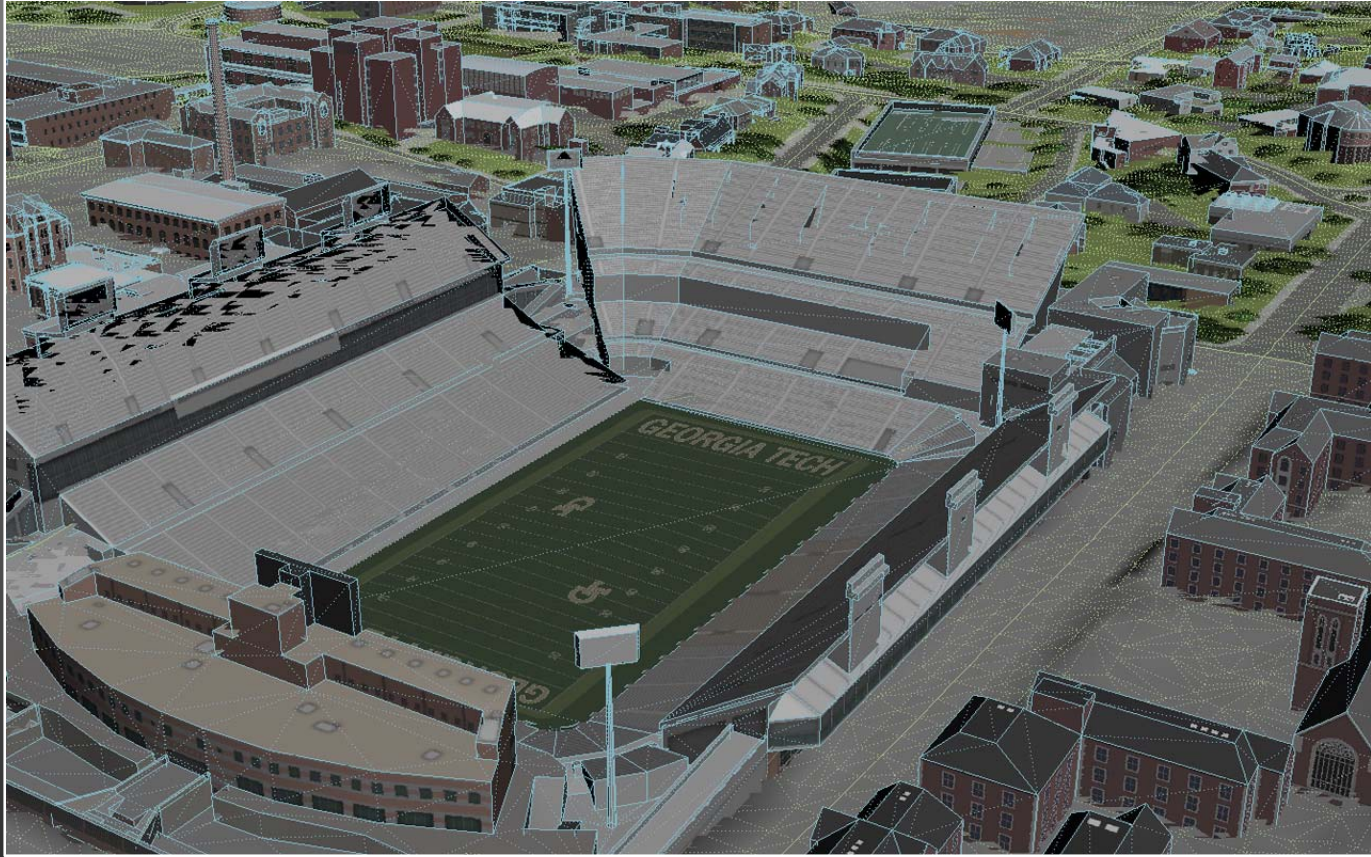
DOLLARS IN BILLIONS

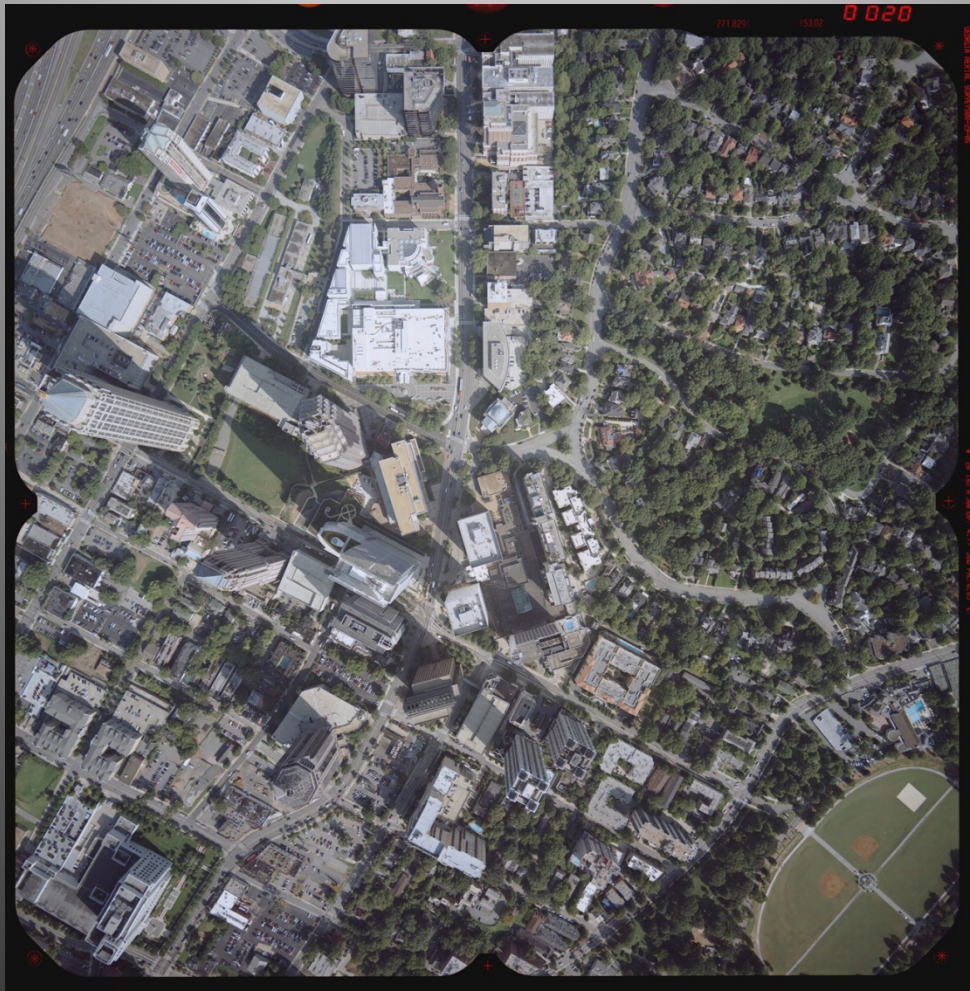


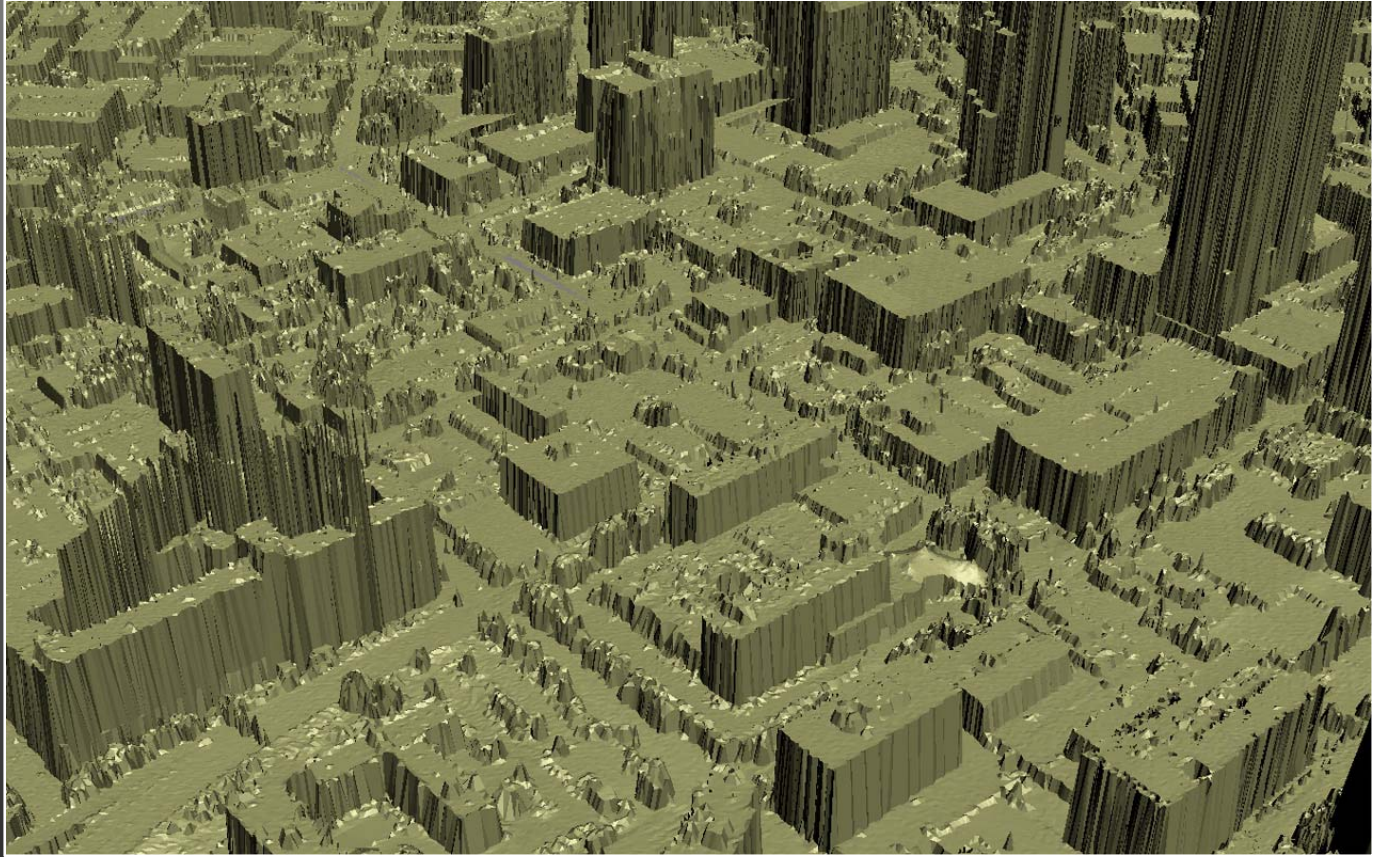
Source: The NPD Group / Retail Tracking Service













Live Demo