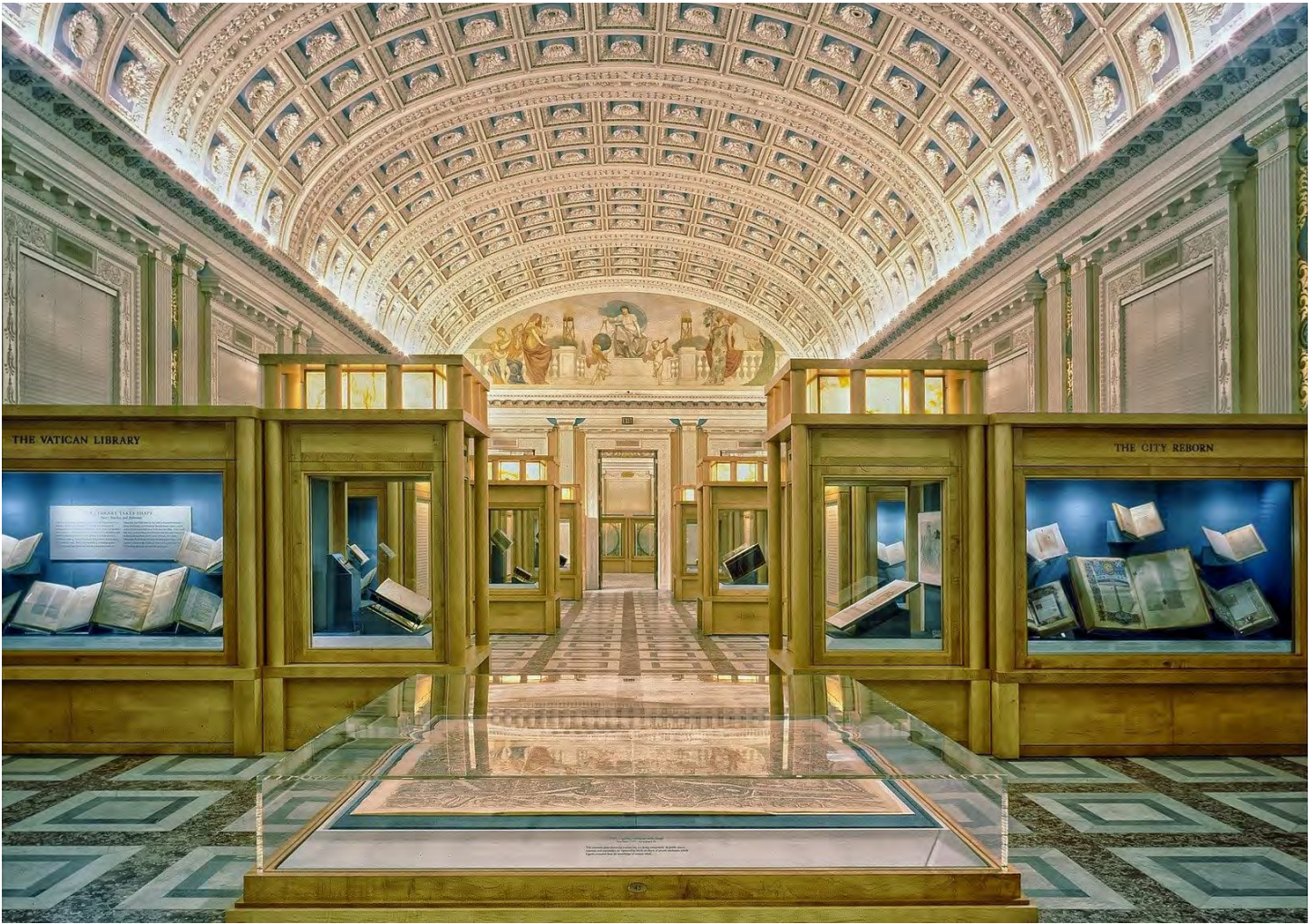


# Case Study



## Library of Congress - Washington, DC



### The Challenge

As one of the most important and secure government institutions in the United States, the Library of Congress required a lighting control solution that could operate reliably within a highly regulated environment while supporting the needs of staff, researchers, visitors, and facility personnel. The project demanded centralized control of architectural lighting across a diverse range of spaces while adhering to stringent security and operational requirements. In addition to providing energy-efficient lighting management, the system needed to deliver dependable performance, controlled access, and simplified administration without compromising the integrity or daily operation of this nationally significant facility.

### The Solution

A BubblyNet lighting control system utilizing 0–10V dimming was implemented to provide secure, centralized control of the facility's architectural lighting. The scalable platform enables facility to manage lighting levels, schedules, and energy usage while maintaining strict control over system access. The result is a reliable lighting control solution that supports operational efficiency and meets the demanding security requirements of one of the nation's most significant institutions.

Architect: **Office of the Architect of the Capitol** (for the modernization project)