

CHINA TOBACCO MONOPOLY BUREAU

BEIJING, CHINA

CORPORATE

OVERVIEW

The China Tobacco Monopoly Bureau is a commercial office located in Xicheng District, Beijing, China. The building is comprised of eleven floors contributing to its 40,000 m² of floor space.

PROJECT DETAILS

The owners of this facility were seeking an upgrade that would improve their building automation and delivery reliability, speed, and energy savings.

The strength and reliability of the Reliable Controls MACH-System™ allowed a systematic staged services cutover according to the owner's phased plan, with no disruption to tenant comfort or operational control of the building.

The designed high-speed backbone to each floor addressed the owner's prerequisite of greater and faster information flow.

Required energy savings were realized through energy efficient operational strategies for the HVAC and associated optimum control of the lighting systems.

The all-in-one benefit of RC-Studio® provided a powerful graphical front-end for operators to monitor, control and interact with the Building. RC-Studio also provided tools for analysis of the data collected every ten minutes and stored in the industry standard SQL database of RC-Archive®.

The MACH-ProWebCom™ controller installed on site provides authorized personnel access to the system via any standard web browser, ensuring interaction with the building is available at any time, from anywhere, and for only authorized personnel.

To learn more about projects using Reliable Controls® visit www.reliablecontrols.com/projects/overview



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

HVAC, Lighting

TOTAL AREA:

40,000 m² (430,560 ft²)

NETWORK:

BACnet®, EIA-485, Ethernet

POINTS:

1,100

EQUIPMENT INSTALLED:

1 MACH-ProWebCom™

15 MACH-ProZone™

29 MACH-Pro1™

5 MACH-Pro2™

14 MACH-ProPoint™

RC-Studio®

RC-Archive®

