

# Public and higher education campus and facilities management with IBM TRIRIGA

## Why now?

- Public and higher education institutions are grappling with a financial crisis due to diminishing public funding, ageing infrastructure, and escalating costs. Many of these establishments are burdened with growing deferred maintenance backlogs and potential safety and hygiene concerns within their buildings, all while facing heightened public expectations for improved learning environments. These organizations require a pragmatic solution for managing their facilities, providing comprehensive oversight throughout the entire lifecycle of their buildings and campuses. Without such oversight, it will become increasingly challenging to plan long-term capital projects, justify capital expenditures, and accurately assess facility condition and operational efficiency. Schools and campuses entail substantial construction and maintenance expenses, making the adoption of a holistic facility lifecycle management approach the most practical means of maximizing their long-term value.

## Challenges

- Maintenance and operations: Maximizing the efficiency of day-to-day maintenance and general upkeep of classrooms, labs, offices, buildings, and campuses is essential for reducing operational expenses and preserving the value of assets. However, costs are rising across the board – including labor, supplies, and services. Enhancing the productivity of your facility management team and optimizing the usage of maintenance supplies are becoming increasingly vital aspects of the budgeting process.
- Capital planning and projects: Public and higher education boards have a responsibility to manage public funds efficiently and must strive to optimize both capital and operational expenditure related to facilities. Improved capital management fosters confidence and transparency in the budgeting process for facility acquisition and projects, whether it involves constructing, purchasing, renovating, or decommissioning facilities. Considering the state of the economy, effective capital planning can have a significant financial impact on education. Effective project management is also crucial to meet budget and schedule constraints.
- Facility conditions: Public and higher education facilities typically have long lifecycles and often experience significant wear and tear, making it crucial to maintain accurate facility condition assessment records. These records are essential not only for understanding the underlying condition of the facilities but also for preparing and justifying capital investments.

## Why IBM?

- Experience: IBM has +20 years of facilities management solution experience across the market. The TRIRIGA software has been fully vetted and tested by public organizations and large, multi-national firms managing the entire lifecycle of buildings and facility portfolios.
- Capabilities: IBM TRIRIGA provides an integrated, end-to-end lifecycle management solution that makes it easier for public and higher education institutions to manage the maintenance, capital planning and projects, and the operational records for their buildings / campuses from one solution. TRIRIGA also includes lease, environmental sustainability, and space management capabilities.
- Integration: TRIRIGA is a natively integrated suite, not an acquisition driven conglomeration of disparate software products. The suite leverages a shared data repository providing a single source of truth for accurate and timely evidence-based decision making. Consolidating point solutions, spreadsheets, and other systems into a single TRIRIGA solution provides one source of facility information and greatly simplifies managing multiple buildings and campuses.
- Ecosystem: IBM has a rich, partner ecosystem supporting organizations with installation, integration, training, and technical support of TRIRIGA. These partners can expedite your implementation time to value, as well as assist with any TRIRIGA integration desired.
- Open/extensible: TRIRIGA is designed to support open API's or connectors for easy integration with common applications. This extensibility allows you to continue to leverage legacy systems where required which enhances the value of TRIRIGA facilities management as a component of strategic planning and execution.
- Modular: even though TRIRIGA offers an integrated architecture to facilities management it can be implemented in a modular fashion. Institutions can implement just the desired TRIRIGA capabilities to address their most pressing challenge, and then grow to leverage the full value of TRIRIGA over time.

## Conclusion

Public and higher education needs to be more proactive and diligent in their facilities management given their aging facilities, rising costs, and tight budgetary realities.

IBM TRIRIGA Application Suite offers a market-leading facilities management solution that can empower your organizations' management across the entire facility lifecycle.

To learn more visit - <https://www.ibm.com/products/tririga>

