

# Infrastructure Modernization

*Transforming Legacy Systems and Building Future Readiness*

## PROJECT FRAMEWORK



### INITIATE

- Assessment, gap analysis and define end state.
- Solution review and planning
- Define scope, objectives, success criteria, risk, and approach
- Communication and escalation plan



### PLAN

- Introduce key participants, stakeholders and project teams
- Review and approve project plan
- Task and resource scheduling and assignment
- Kickoff and regular status meetings



### EXECUTE

- Discovery
- Design & implementation
- Migration & validation



### MONITOR

- Ensure adherence to scope, schedule, and budget
- Follow client's change management process



### CLOSE

- Formal turnover
- Project deliverables
- Lessons learned, client satisfaction feedback, and survey

## BACKGROUND



A large credit union was facing significant operational and infrastructure challenges within its aging data center. Frequent power and cooling issues were putting uptime and business continuity at risk, while inefficient systems drove up operational costs and limited scalability. Beyond the physical constraints, the technical team recognized the need to strengthen the organization's security posture—especially as more applications and sensitive member data were being managed digitally. The lack of modern segmentation controls left the environment vulnerable to lateral threats, and the legacy infrastructure could no longer support the performance and resiliency needed to meet regulatory demands and member expectations. The credit union sought a partner that could not only modernize its infrastructure but also help it achieve long-term sustainability, enhanced security, and improved return on investment.

## SOLUTION



The client engaged KNZ Solutions to lead a full data center modernization initiative, including a new primary data center design and implementation, an update and refresh of the disaster recovery (DR) site, and a seamless migration of applications from the legacy environment. Leveraging KNZ's holistic infrastructure approach, the joint KNZ and client team implemented a robust, future-ready architecture



## OUTCOME



With KNZ's guidance, the credit union successfully transitioned to a modern, energy-efficient, and secure data center built for long-term performance. The new infrastructure eliminated legacy power and cooling inefficiencies, significantly reducing operational costs while improving resiliency and uptime. Through microsegmentation and integrated automation, the organization strengthened its security posture—ensuring sensitive financial data remains protected while maintaining regulatory compliance. The enhanced performance and simplified management have also empowered the IT team to focus on innovation rather than maintenance. Ultimately, the credit union achieved measurable ROI, increased operational confidence, and a flexible foundation capable of supporting future growth and digital transformation.