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# Design-Assist and Engineering

Learn More











ENGINEERING CAPABILITIES

# Predict, Prevent, and Protect.



### Perimeter Vehicle Vector Analysis

Vector analysis determines the minimum crash rating required at each location and can inform product selections.



### Building Info Modeling (BIM)

BIM assists in predicting potential construction hazards, while validating the safety of the final security design.



### Risk Assesment and Modeling

Risk assesments and risk modeling can improve safety and reduce costs associated with accidents and attacks.



### Ballistic Attack Sightline Analysis

Sight-line software uses drones and 3D digital mapping to predict key attack points that can inform the final design.

**DESIGN GUIDELINES** 

## We Have High Standards.

Sloan has worked with many security standards and requirements from the Army Corps of Engineers, ASTM, NERC, and more.







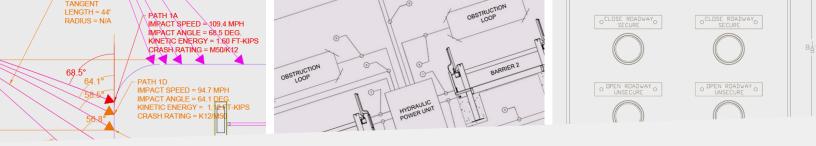












**DESIGN TEAM EXPERTISE** 

# We'll Solve Your Most Difficult Design Challenges.

Sloan's diverse experience installing and repairing security equipment for over 30 years has enabled them to deliver some of the safest and most effective designs in the world.



Collaborative Design-Build Security Team



2D/3D Renderings and Construction Documentation



Crime Prevention
Through Environmental
Design (CPTED)



Access Control System Design & Design-Assist



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