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Visium Technologies ELI Platform Proposal for Brown University

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Transforming Campus Security with Ethical Layered Intelligence

Executive Summary: Transforming Campus Security at Brown

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Comprehensive Protection for 146-Acre College Hill Campus

Integrated digital security platform overlaying the entirety of Brown University's historic College Hill campus, ensuring broad and effective coverage for all buildings and grounds.

AI-Driven Threat Detection for 11,000+ Students

Leveraging advanced artificial intelligence for real-time threat assessment and anomaly detection, enhancing safety for over 11,000 students, faculty, and staff.

- Comprehensive Protection for 146-Acre College Hill Campus
- AI-Driven Threat Detection for 11,000+ Students
- Seamless Integration with Existing Security Infrastructure
- Ethical Privacy-First Framework

Seamless Integration with Existing Security Infrastructure

The platform ensures compatibility with current security systems, maximizing investment and facilitating a smooth transition with minimal disruption.

Ethical Privacy-First Framework

Commitment to privacy, adhering to strict ethical standards and data protection protocols, ensuring security without compromising individual rights.

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Brown's Security Landscape

11,000+ Community Members Across College Hill

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Brown's Security Landscape: 11,000+ Community Members

- Urban Campus Environment (College Hill)
- Open Campus Access & Integration with Providence
- Rising Security Concerns (Recent Dec 2025 Incidents)
- Need for Real-Time Threat Detection

Key Statistics

11,000+	146	65+
Students	Acres	Public Safety Staff

Challenges

- Urban Campus Environment (College Hill)
- Open Campus Access & Integration with Providence
- Rising Security Concerns (Recent Dec 2025 Incidents)
- Need for Real-Time Threat Detection

Introducing ELI: Ethical Layered Intelligence Platform

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- **AI-Driven Insight:** Transforms raw data into actionable security intelligence.
- **Ethical Core:** Built-in privacy safeguards and bias monitoring.
- **Force Multiplier:** Enhances capabilities of Brown's 65+ public safety staff.
- **Real-Time Response:** Instant alerts for critical incidents.

• AI-Driven Insight: Transforms raw data into actionable intelligence
• Ethical Core: Built-in privacy safeguards and bias monitoring
• Force Multiplier: Enhances capabilities of Brown's 65+ public safety staff
• Real-Time Response: Instant alerts for critical incidents

ELI's Multi-Layer Security Architecture

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- Seamless Data Ingestion
- Real-Time Threat Analysis
- Automated Dispatch Alerts
- Predictive Security Insights

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- Predictive Security Insights

Seamless Integration with Brown's Existing Infrastructure

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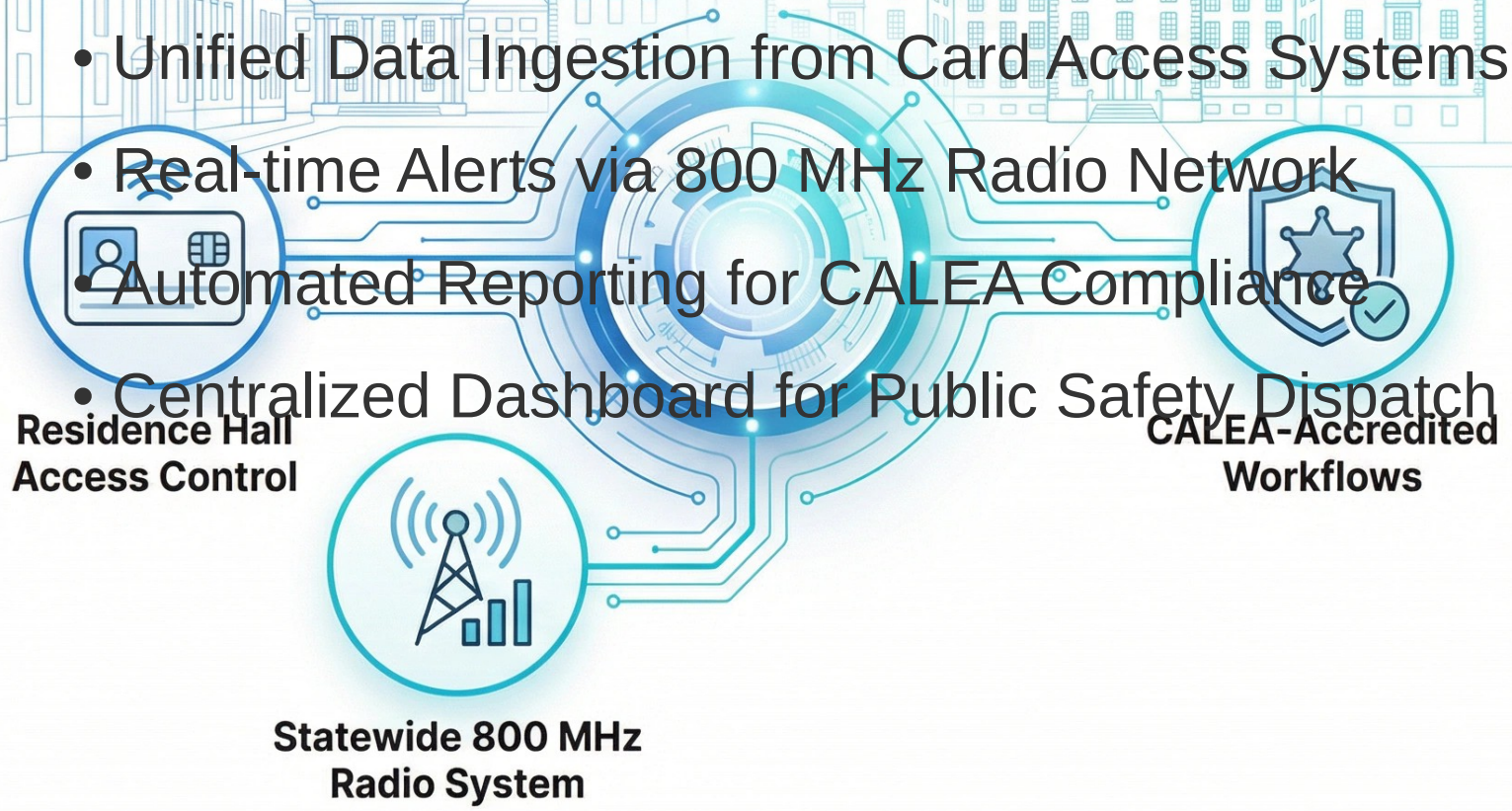
Seamless Integration with Brown's Infrastructure

- Unified Data Ingestion from Card Access Systems
- Real-time Alerts via 800 MHz Radio Network
- Automated Reporting for CALEA Compliance
- Centralized Dashboard for Public Safety Dispatch



Key Integration Benefits:

- Unified Data Ingestion from Card Access Systems
- Real-time Alerts via 800 MHz Radio Network
- Automated Reporting for CALEA Compliance
- Centralized Dashboard for Public Safety Dispatch

Strategic Coverage: From Barus Hall to Keeney Quad

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- Targeted Sensor Deployment in High-Traffic Zones
- Enhanced Monitoring for Residential Areas
- Perimeter Security for Open Campus Borders
- Integrated Response for Historic Buildings

Targeted Sensor Deployment in High-Traffic Zones
Enhanced Monitoring for Residential Areas
Perimeter Security for Open Campus Borders
Integrated Response for Historic Buildings

24/7 Real-Time Threat Detection and Response

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Continuous Campus-Wide Monitoring

Sub-Second Threat Identification

Direct Integration with Dispatch Center

Force Multiplier for Patrol Officers

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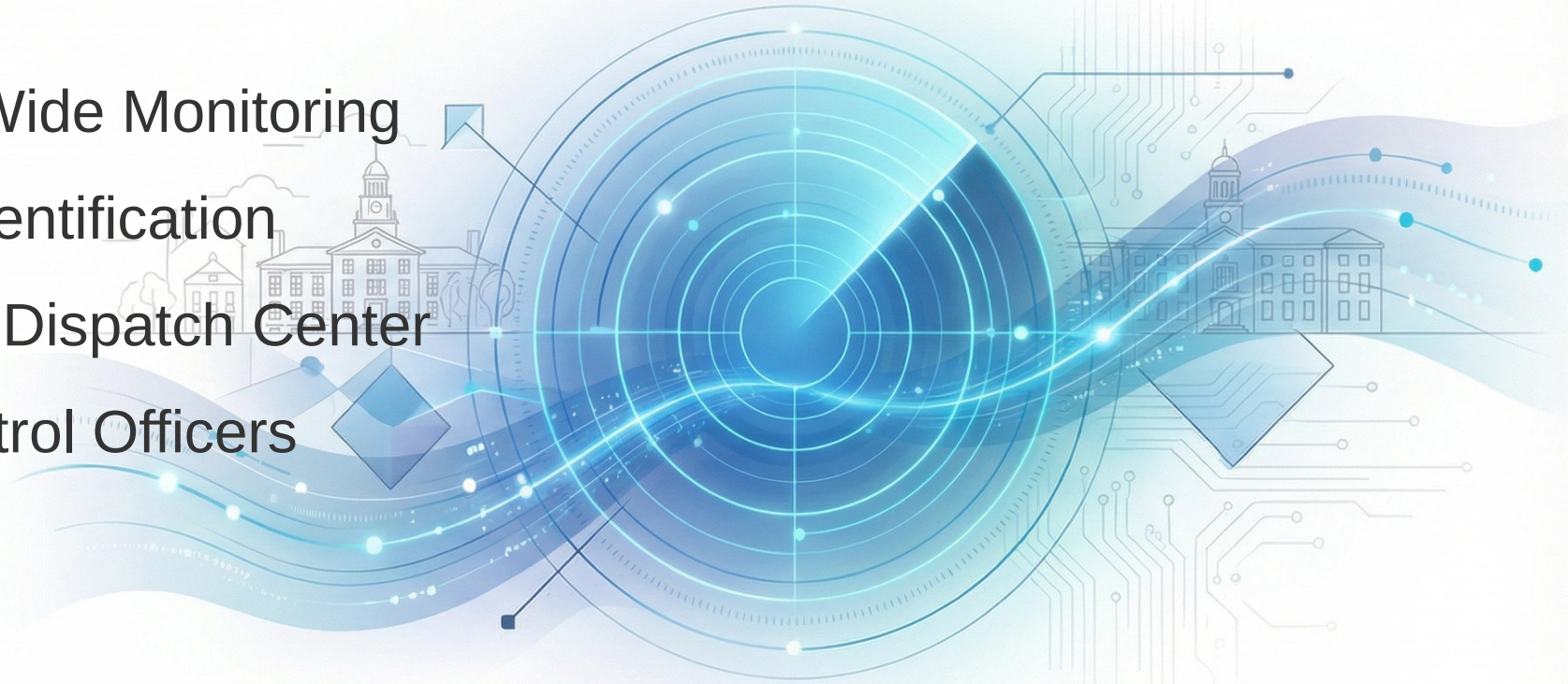

Privacy-First Design: Protecting the Brown Community

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- Anonymized Data Processing
- Bias Detection & Mitigation Algorithms
- Strict Access Controls & Audit Logs
- Compliance with University Privacy Standards

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Proven Results at Peer Institutions

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Metric 1

40% Reduction in Critical Incidents

Peer Research University saw a significant decline in critical security events after platform deployment, enhancing campus safety and proactive threat management.

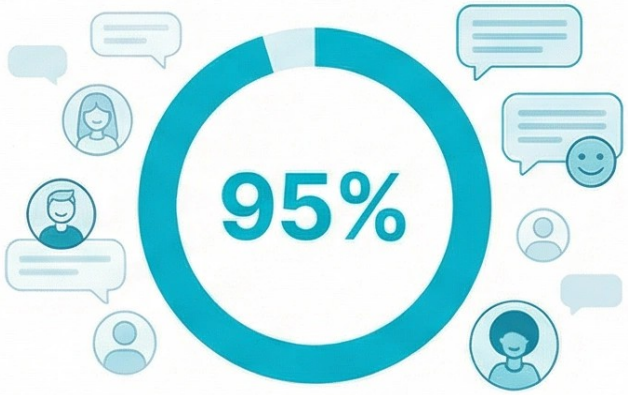
Metric 2

30% Faster Response Times

Peer Research University experienced notably faster incident response times, enabling security teams to address situations more swiftly and effectively.

Metric 3

95% Positive Community Feedback



Peer Research University achieved high levels of satisfaction and trust among students, faculty, and staff, reflecting widespread community acceptance.

- 40% Reduction in Critical Incidents
- 30% Faster Response Times
- 95% Positive Community Feedback

90-Day Implementation Roadmap for Brown

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- Days 1-30: Assessment & Integration (Barus & Holley, BMC)
- Days 31-60: Pilot Deployment (Keeney Quad)
- Days 61-90: Full Campus Rollout & Training

Days 1-30: Assessment & Integration

Focus on Barus & Holley and BMC

Site surveys, infrastructure analysis, system compatibillty checks.

Days 31-60: Pilot Deployment

Focus on Keeney Quad and Residential Halls

Limited sensor installation, data collection testing, feedback loop initiation.

Days 61-90: Full Campus Rollout

Training and System-wide Activation

Comprehensive user training, full system activation, transition to operational support.

Measurable Impact: Projected Security Improvements

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- 40% Reduction in Incident Response Time
- 35% Increase in Proactive Threat Prevention
- 50% Gain in Operational Efficiency

in Incident Response Time

in Proactive Threat Prevention

in Operational Efficiency for Public Safety Staff

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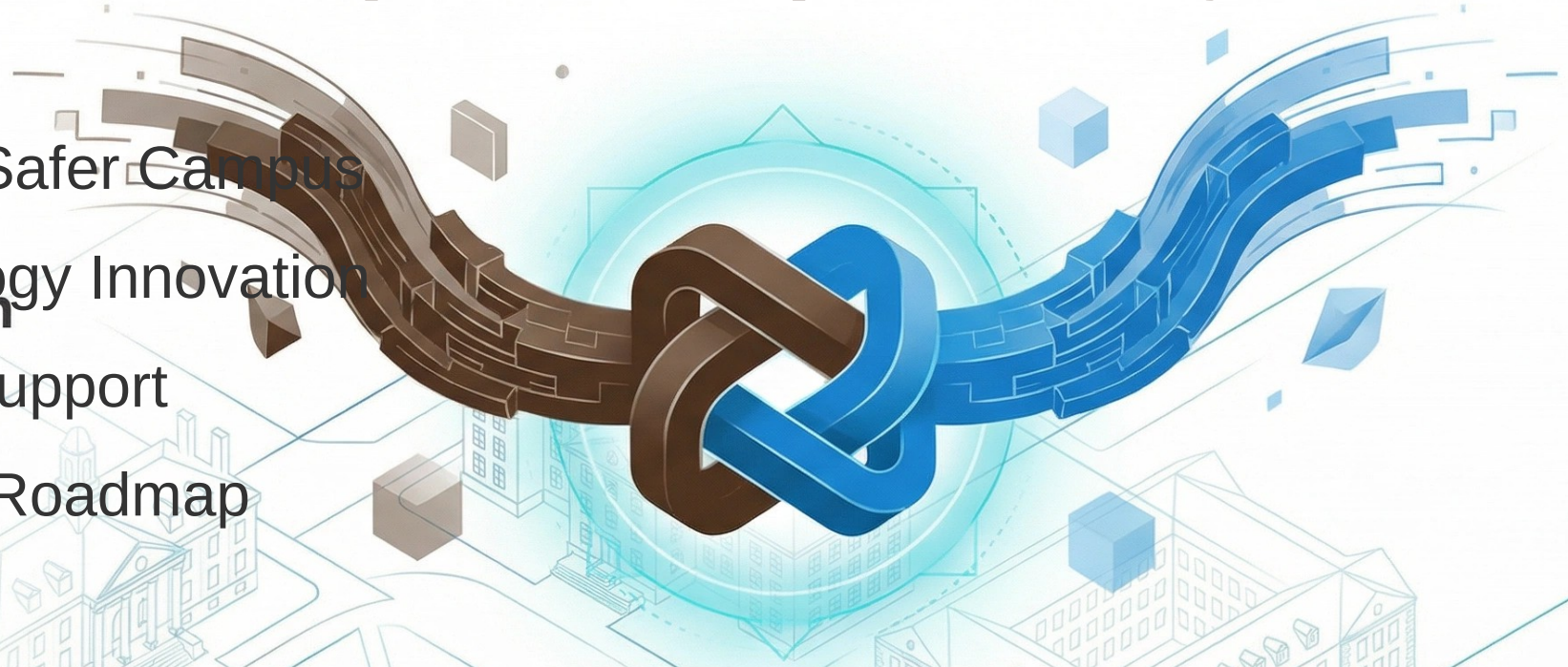
A Strategic Partnership for Campus Safety

A Strategic Partnership for Campus Safety

- **Shared Vision for a Safer Campus**
- **Continuous Technology Innovation**
- **Dedicated On-Site Support**
- **Long-Term Security Roadmap**

- Shared Vision for a Safer Campus
- Continuous Technology Innovation
- Dedicated On-Site Support
- Long-Term Security Roadmap



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Recommended Next Steps

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- Technical Deep Dive: Assess infrastructure
- Pilot Program Proposal: Define scope
- Stakeholder Engagement: Align with Public Safety

Technical Deep Dive

Assess current sensor and network infrastructure.

Pilot Program Proposal

Define scope for initial deployment (e.g., Keeney Quad).

Stakeholder Engagement

Align with Public Safety, IT, and Administration.

Partnering for a Safer Brown

Ready to Transform Campus Security?

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