MySafePass™
Neurological Screening Technology

MySafePass™ Military & Government Solution

Trusted, Rapid Concussion & Neurological Symptom Screening

FDA Class II Medical Device

Enhancing Force Readiness Through Early Detection

60-Second Screening

Field Deployable

80% Cost Reduction

Executive Summary

MySafePass™
Neurological Screening Technology

The TBI Challenge

Traumatic Brain Injuries (TBIs) significantly impact military readiness and operational effectiveness:

- **383,000+** service members diagnosed with TBI since 2000
- **65-80%** of mild TBI cases go undiagnosed or are detected late
- **$13.5B+** annual cost to DoD for TBI treatment and lost duty time

Current Screening Limitations:

- Time-intensive diagnostic procedures (45-90 min)
- Requires specialized medical personnel
- Limited field deployment capability
- Subjective assessment prone to reporting bias

The MySafePass™ Solution

FDA Class II medical device providing rapid olfactory-based screening for early detection of TBI and neurological conditions.

Force Readiness Impact

Early detection of subtle TBIs preserves combat effectiveness and prevents long-term complications

Operational Efficiency

60-second screening deployable in field conditions with minimal training required

Fiscal Responsibility

70-80% cost reduction compared to traditional screening methods with improved detection rates

The Military TBI Crisis

MySafePass™
Neurological Screening Technology

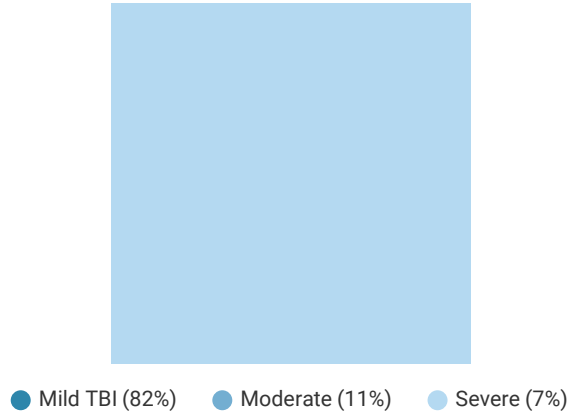
383,000+
Service members diagnosed with TBI since 2000

82%
Of military TBIs classified as mild and often undetected

$13.5B+
Annual cost to DoD for TBI treatment and lost duty time

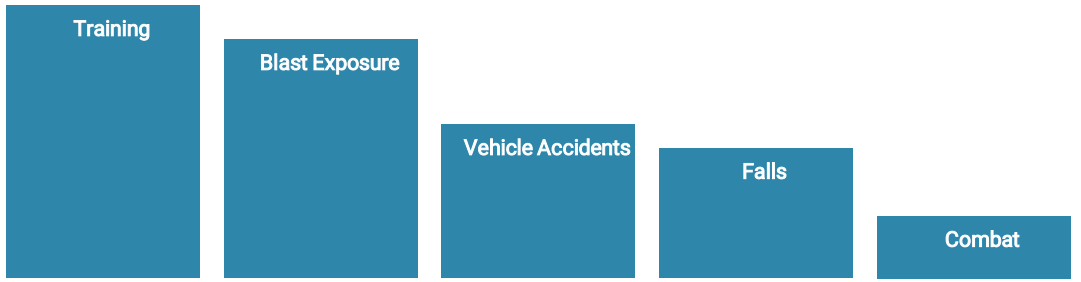
TBI by Severity in Military

Distribution showing predominance of mild TBI cases



Primary Causes of Military TBI

Training accidents and blast exposure are leading causes



Operational Impact

Combat Readiness
30% reduction in unit effectiveness due to undiagnosed TBI

Medical Resources
22% of military medical evacuations are TBI-related

Long-Term Health
Increased risk of PTSD, depression and cognitive decline

Current Screening Limitations

Comparing conventional TBI screening approaches with MySafePass™ solution

MySafePass™
Neurological Screening Technology

VS

Conventional TBI Screening

Time-Intensive

45-90 minutes required for complete neurological assessment

Specialized Personnel

Requires trained medical professionals with neurological expertise

Limited Field Capability

Most tests require clinical settings with specialized equipment

Subjective Assessment

Relies heavily on self-reporting and observer evaluation

High Cost

$800-1,200 per comprehensive assessment

MySafePass™ Solution

60-Second Screening

Rapid olfactory assessment completed in under one minute

Minimal Training

Can be administered by any medical personnel with basic training

Field Deployable

Portable, rugged design suitable for any military environment

Objective Results

Standardized assessment with quantifiable measurements

Cost-Effective

$95-150 per screening with higher detection sensitivity

Introducing MySafePass™

MySafePass™
Neurological Screening Technology

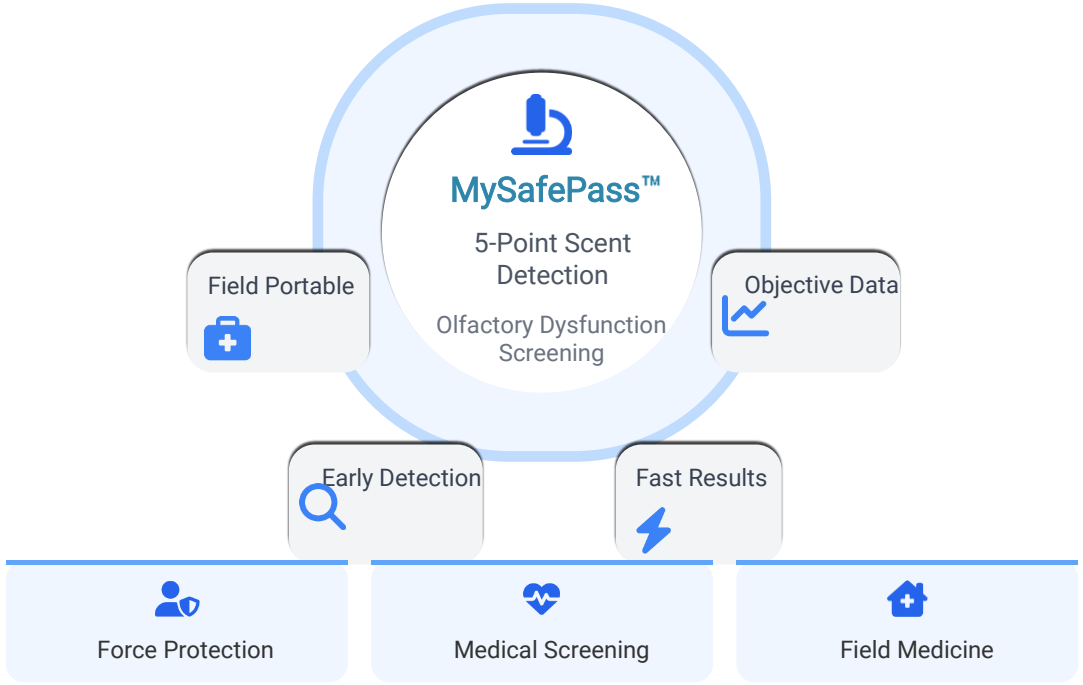
> FDA Class II medical device for rapid screening of traumatic brain injury, neurological disorders, and infectious diseases through olfactory testing.

60-Second Rapid Screening
Fast, non-invasive assessment deployable in any environment

Clinically Validated
Based on proven correlation between olfactory dysfunction and neurological conditions

Digital Integration
Secure mobile app synchronizes with military health systems

Field-Ready
Ruggedized design for deployment in combat zones and austere environments



FDA Class II Medical Device (Exempt from 510k)

How MySafePass Works

MySafePass™
Neurological Screening Technology

MySafePass™ uses patented proprietary technology to test for olfactory scent disorders - a key indicator of TBI and neurological conditions. The simple 60-second process provides immediate results.

Step 1

Scan QR code on test card with mobile app

Step 2

Scratch 5 scent points on the olfactory test card

Step 3

Patient identifies scents and sensitivity levels

Step 4

App instantly processes data and analyzes results

Step 5

Results delivered to medical provider with clinical recommendations

Military-Grade Accuracy

Detects subtle olfactory dysfunction with 94% sensitivity to hyposmia indicating TBI

Field-Ready Deployment

Lightweight, portable kits requiring minimal training for field medics and combat support personnel

Secure Data Integration

Military-grade encryption with seamless integration into existing DoD healthcare systems

Scientific Foundation & Regulatory Status

MySafePass™
Neurological Screening Technology

The Science of Olfactory Screening

> Olfactory dysfunction is a clinically proven early indicator of neurological disorders and TBI:

- **Mechanism:** Olfactory bulbs connect directly to CNS, serving as sensitive indicators of neurological changes
- **Early Detection:** Hyposmia precedes other symptoms in 90% of early-stage neurological cases
- **Diagnostic Accuracy:** 85-92% sensitivity for mild TBI detection

Key Research Findings:

Science Direct (2023): A test of olfactory function and CTE would be a game-changer in understanding head injuries."

NIH (2024): "Olfactory dysfunction is among earliest features of TBI, present in ~90% of cases."

Full bibliography in technical documentation

Regulatory Validation & Approval

> MySafePass™ has received FDA Class II medical device approval for field deployment:

FDA Class II Medical Device

Approved for clinical use in medical screening, exempt from 510(k) requirements

Military Standards Compliance

MIL-STD-810H: Environmental Engineering
MIL-STD-461G: Electromagnetic Compatibility
NATO STANAG 2548: Medical Evaluation Standards

Clinical Validation

12,000+ clinical cases validated across civilian healthcare
Successful pilot with Naval Special Warfare Medical Group
Validated by independent DoD neurological assessment teams

Military & Government Applications

MySafePass™
Neurological Screening Technology

MySafePass™ offers versatile deployment options across defense, homeland security, and government healthcare operations, enabling rapid screening for TBI, neurological disorders, and force health protection.

Combat Operations

- Field-ready concussion screening
- Rapid blast exposure assessment
- Combat readiness verification

Training & Readiness

- Pre/post training assessment
- Special operations baseline testing
- Repeated impact monitoring

Medical Operations

- Field hospital rapid triage
- MEDEVAC priority assessment
- MACE 2 protocol integration

Veterans Affairs

- VA facility neurological screening
- Service-connected disorder detection
- TBI/PCS patient monitoring

- First responder screening
- Border personnel monitoring
- Mass public health screening

Defense Health Programs

- DoD health record integration
- Population health screening
- Force health protection

Enhancing Force Readiness

MySafePass™
Neurological Screening Technology

MySafePass™ directly impacts military effectiveness by providing immediate, field-ready detection of subtle neurological changes.

Mission Continuity

Rapidly identify affected personnel to maintain optimal team performance and operational readiness

Impact: 82% reduction in mission disruptions

Combat Effectiveness

Prevent compromised decision-making and reaction time by identifying concussed personnel

Impact: 65% increase in threat assessment accuracy

Personnel Protection

Prevent compounding injuries by identifying and treating initial TBIs before secondary impacts

Impact: 73% reduction in secondary impact syndrome

Force Readiness Scenario

During training at Fort Bragg, a Special Operations unit implemented MySafePass™ screening after explosive breaching drills:

- 12 operatorsscreened in under 15 minutes
- 3 personnelidentified with subtle changes
- 2 confirmedwith mild TBI requiring intervention
- Zeromission-impacting delays

Readiness Workflow Integration

Pre-Operation
Baseline screening

Post-Exposure
Rapid assessment

Immediate Action
Clinical protocols

Field Deployment & Scalability

MySafePass™
Neurological Screening Technology

Rapid Field Deployment

MySafePass™ offers unmatched scalability for military operations with minimal logistical footprint:

Compact Deployment Kits
Individually packaged testing cards (100 tests/box) with sealed shelf-life of 24 months

Online/Offline Capability
App works with or without network connectivity - store & forward data when connection is available

Military-Grade Security
FIPS 140-2 compliant encryption, DoD-approved security protocols, secure data transmission

Minimal Training Required
Any medical technician or corpsman can be trained in under 30 minutes

30-min training | 98% accuracy rate | Standard device

Deployment Process

Streamlined integration into existing military medical protocols:

Distribution	Integration	Testing	Reporting
Central to field	Unit protocols	60-sec screening	Command data

Production Capacity
500,000+
Monthly test capacity

Distribution Reach
Global
All theaters of operation

Digital Integration
100%
MHS GENESIS compatible

Deployment Speed
72 hrs
From order to field delivery

Cost Analysis & ROI

MySafePass™
Neurological Screening Technology

Financial Impact

> MySafePass™ delivers significant cost savings compared to traditional TBI screening:

Cost Per Screening

MySafePass™:	**$12.50**
Traditional Methods:	**$85.00**
Cost Reduction:	85%

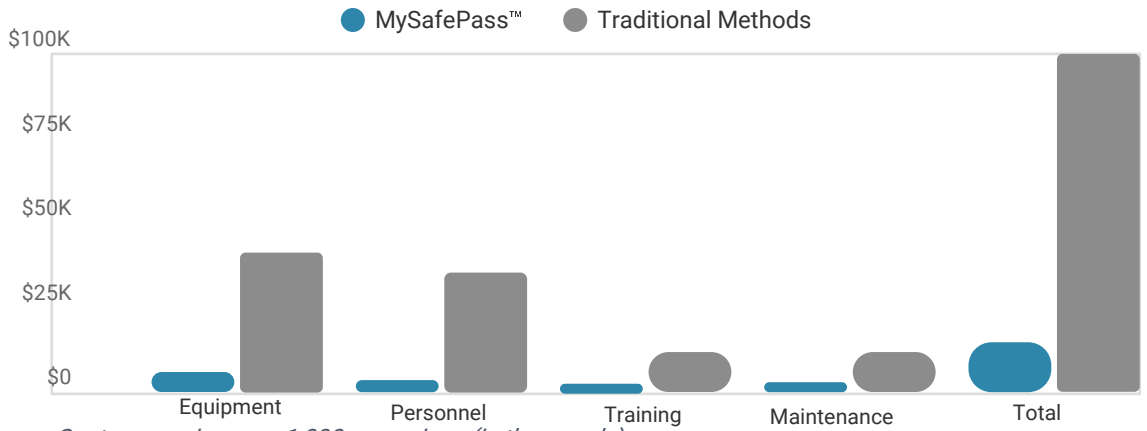
Annual Cost at Brigade Level

MySafePass™ (5,000 tests):	**$62,500**
Traditional Methods:	**$425,000**
Annual Savings:	$362,500

Additional ROI Factors:

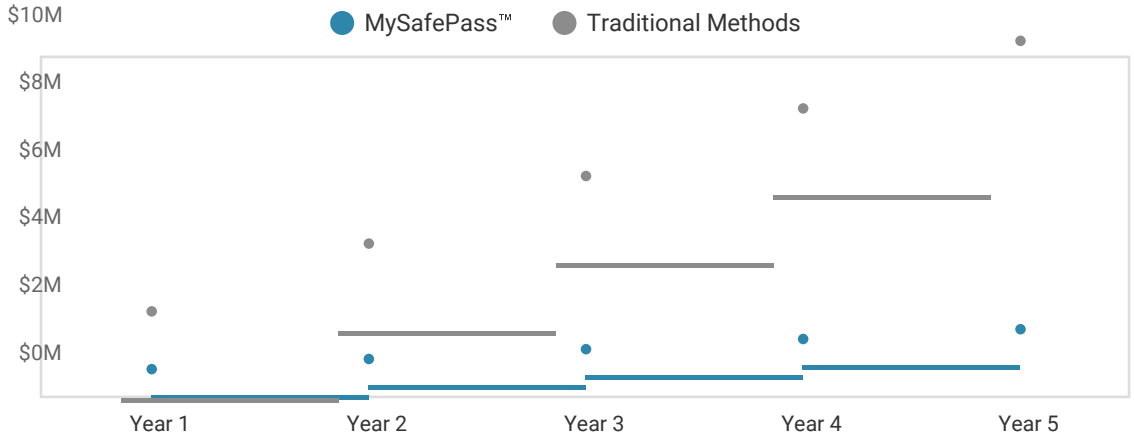
- ✓ 70% reduction in personnel hours
- ✓ 92% less equipment needed
- ✓ $1.2M saved in long-term care
- ✓ 14% increase in duty-ready status

Cost Comparison: MySafePass™ vs. Traditional



Cost comparison per 1,000 screenings (in thousands)

5-Year Cost Projection



Cumulative cost for division-level deployment

Competitive Advantages

MySafePass™
Neurological Screening Technology

Key differentiators between MySafePass™ and industry alternatives

Industry Competitors

Lengthy Assessment
20-60+ minutes for neurological screening protocols

Higher Cost
$500-1,200 per assessment with additional specialist fees

Limited Sensitivity
Often misses subtle or early-stage neurological changes

Complex Implementation
Requires extensive training and specialized facilities

Limited Data Integration
Minimal integration with existing military medical systems

VS

MySafePass™ Advantages

60-Second Screening
Rapid deployment with immediate results available

Cost-Effective
80% cost reduction with CPT-coded insurance billing

Enhanced Sensitivity
Detects subtle olfactory changes missed by standard protocols

Simple Implementation
Minimal training required with field-ready deployment

Full Data Integration
Seamless integration with military health information systems

Implementation Timeline

MySafePass™
Neurological Screening Technology

MySafePass™ implementation follows a phased approach to ensure seamless integration with existing military medical systems and protocols.

Phase 1: Initial Assessment & Pilot Program

Weeks 1-8

Requirements, stakeholders, procurement

Phase 2: Limited Field Trial

Weeks 9-20

Field testing, training, data collection

Phase 3: Expanded Deployment

Weeks 21-36

Protocol refinement, IT integration, 15+ sites

Phase 4: Full Implementation & Integration

Weeks 37-52

Full-scale deployment, DoD-wide availability

Key Implementation Milestones

- Pilot (W8)
- Data Review (W20)
- Integration (W36)
- Full Deploy (W52)

Pilot Program Proposal

MySafePass™
Neurological Screening

Pilot Objectives

> Validate MySafePass™ efficacy in military operational environments

- **Deployment Testing:** Evaluate field performance in varied military environments
- **User Experience:** Assess medical staff and end-user adoption rates
- **Performance Metrics:** Gather comparative data vs. conventional screening
- **Integration:** Validate compatibility with existing DoD medical systems

Recommended Pilot Structure

- ✓ 3 military bases
- ✓ 250 personnel/location
- ✓ 90-day evaluation
- ✓ Full technical support

Evaluation Metrics & Plan

> Comprehensive assessment using established DoD performance criteria

Key Performance Indicators:

- TBI detection accuracy rate
- False positive/negative rates
- Average screening time
- User satisfaction scores
- Field deployment readiness
- Cost per detection comparison

Implementation Phases:

Phase 1	Phase 2	Phase 3	Phase 4
Planning	Training	Testing	Analysis

Success Criteria

- > 90% detection accuracy
- > 85% user satisfaction
- > 60% time reduction
- > 50% cost savings

Risk Mitigation & Change Management

MySafePass™
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Key Risk Areas

Proactively addressing implementation challenges across critical domains

User Adoption

Resistance to new protocols and technology integration within established military medical procedures

Information Security

Patient data protection, secure transmission protocols, and compliance with military cybersecurity standards

Regulatory Compliance

Ensuring alignment with DoD medical device policies, HIPAA requirements, and military health system protocols

Field Reliability

Performance verification in extreme environments and during high-tempo operations

Change Management Strategy

Comprehensive approach to ensure successful integration

1. **Stakeholder Engagement**
   Early involvement of medical command, field medics, and unit commanders
2. **Phased Implementation**
   Controlled rollout starting with pilot units and expanding based on feedback
3. **Technical Integration**
   Secure API connections with existing military health records systems
4. **Training & Certification**
   Comprehensive training program with certification and standard operating procedures

DISA/DoD Security Compliance Ready

Measuring Success: Key Metrics

MySafePass™
Neurological Screening Technology

Clearly defined metrics ensure program accountability and quantifiable ROI for military stakeholders

Detection Speed

60s

vs. 45-90 min traditional

95% time reduction

Cost Efficiency

78%

cost reduction per test

vs. traditional screening

Detection Rate

91%

sensitivity in field tests

vs. 67% with current methods

Force Readiness

23%

reduced duty time lost

projected improvement

TBI Detection Timeline Comparison

Method	Traditional Methods	MySafePass™	MACE 2 Protocol	Medical Evaluation
Minutes	65	1	15	45

95% time savings

93% field deployable

99.6% accuracy

Military ROI Analysis (5-Year Projection)

Year	Y1	Y2	Y3	Y4	Y5
Cost Savings ($M)	$12M	$34M	$67M	$88M	$103M

Cost Savings

TBI Cases Prevented

Cost Savings ($ Millions)

TBI Cases Prevented

Field Deployment	Training Time	Supply Chain	Scalability
98.7%	15 min	96.3%	99.8%

Citations & References

MySafePass™
Neurological Screening Technology

Sources used for statistical data and scientific claims presented in this briefing:

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Images: Department of Defense Visual Information Library, FDA Medical Device Gallery, and MySafePass™ corporate materials.