

EVALUATION WORKSHEET

date: _____

PRACTICAL GUIDE FOR CORRECTIONS, BORDER & PHYSICAL SECURITY TEAMS

Compare Heartbeat Detection Systems objectively by evaluating all vendors using the same criteria.

Detection speed | Operational simplicity | Environmental performance | False alarm performance | Throughput | Officer feedback



Define Security Mission

The right solution depends on your operational mission.



Primary Objective

- Prevent Escape
- Unauthorized entry
- Both
- Other: _____



Deployment Style

- Fixed Checkpoint
- Mobile Deployment
- Both



Vehicle Flow

Daily vehicle flow requirements _____



Resources

Available staffing _____
Available operators _____

Understand the Technology

Ask each Vendor

- What physical signal is detected?
- How does the sensing technology work?
- What environmental factors affect performance?
- Are the sensing technology and methodology clearly explained?

Validate Performance

Request Evidence

- Detection methodology
- False alarm rate
- Real-world deployment history
- Performance in real operating conditions
- Independent validation or customer references

Evaluate Operational Simplicity

In context of defined mission

- Average vehicle screening time
- Operator training requirements
- Easy-to-understand user interface
- Single-operator capability
- Clear PASS / ALERT indication



Evaluate Owner Experience

Look beyond the purchase price to understand the longer impact

- | | |
|--|----------------------------------|
| <input checked="" type="checkbox"/> Maintenance requirements | Warranty or subscription options |
| <input checked="" type="checkbox"/> Calibration requirements | Equipment replacement process |
| <input checked="" type="checkbox"/> Software updates | Long-term cost of ownership |
| <input checked="" type="checkbox"/> Technical support | |



Real-World Conditions

Has the system been validated under:

- Vehicle vibration
- Wind and weather
- Uneven pavement
- Heavy traffic
- High-throughput checkpoints
- Years of operational field use



Vendor Transparency

- ★ How the technology works
- ★ Where it has been deployed
- ★ Performance limitations
- ★ Technical documentation
- ★ Support model



Notes & Reminders
