Human Body Temperature Measurement

Efficient, Visible & Real-time Workforce Protection

Flu Facts

Flu information from the CDC

$15.4 Billion	18 Million	5 – 20%
▪ Amount in lost earnings due to 2018 flu season	▪ Number of employed adults who miss four workdays to the flu	▪ Percentage of US population that gets the flu every year

31.4 Million	$10.4 Billion	$7 Billion
▪ Flu related outpatient visits each year	▪ Yearly cost of direct medical expenses	▪ In sick days and lost productivity ▪ The flu causes 17 Million workdays missed

Fevers at Work

The CDC Recommends:

- **Workers** who have a **fever** and respiratory symptoms stay at home until 24 hours after their **fever** ends (100 degrees Fahrenheit [37.8 degrees Celsius] or lower), without the **use** of medication. Not everyone who has **the flu** will have a **fever**.

- **Workers who have flu symptoms upon arrival to work or become ill during the day should promptly separate themselves from other workers and go home** until at least 24 hours after their fever is gone without the use of fever-reducing medications, or after symptoms have improved (at least 4-5 days after flu symptoms started).

Methods for Limiting Workplace Exposure

Active and Passive Methods

Employee Self Determination

- Employee may not know they have a low grade fever indicating infection
- **Marginally Effective**

Active Contact Screening

- Violates "Social Distancing"
- Slow
- **Marginally Effective**

Active Distanced Guns

- Not accurate enough for proper screening
- No reference point
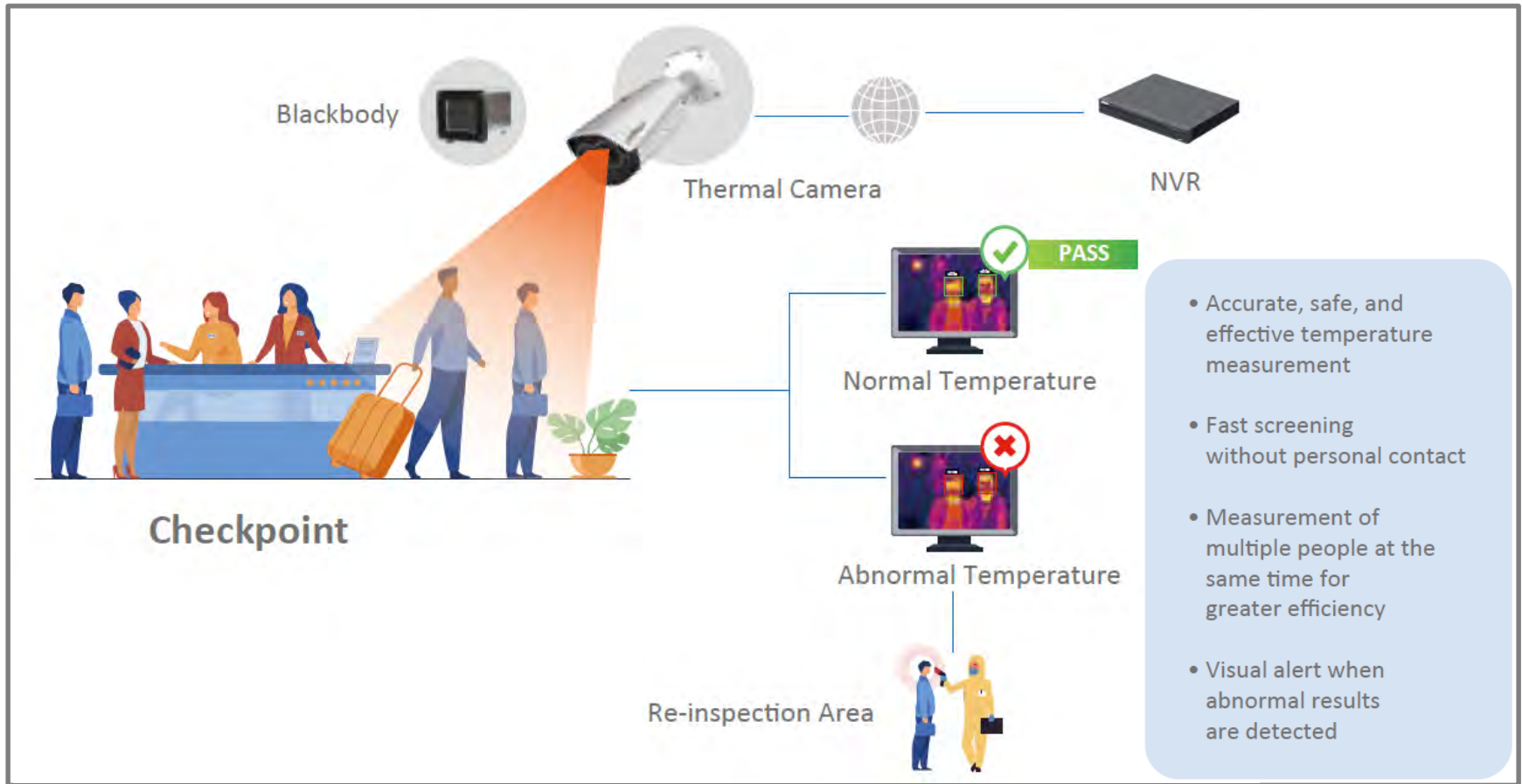- Requires human interpretation
- **Marginally Effective**

Passive HBT System

- Noninvasive
- Records results for review
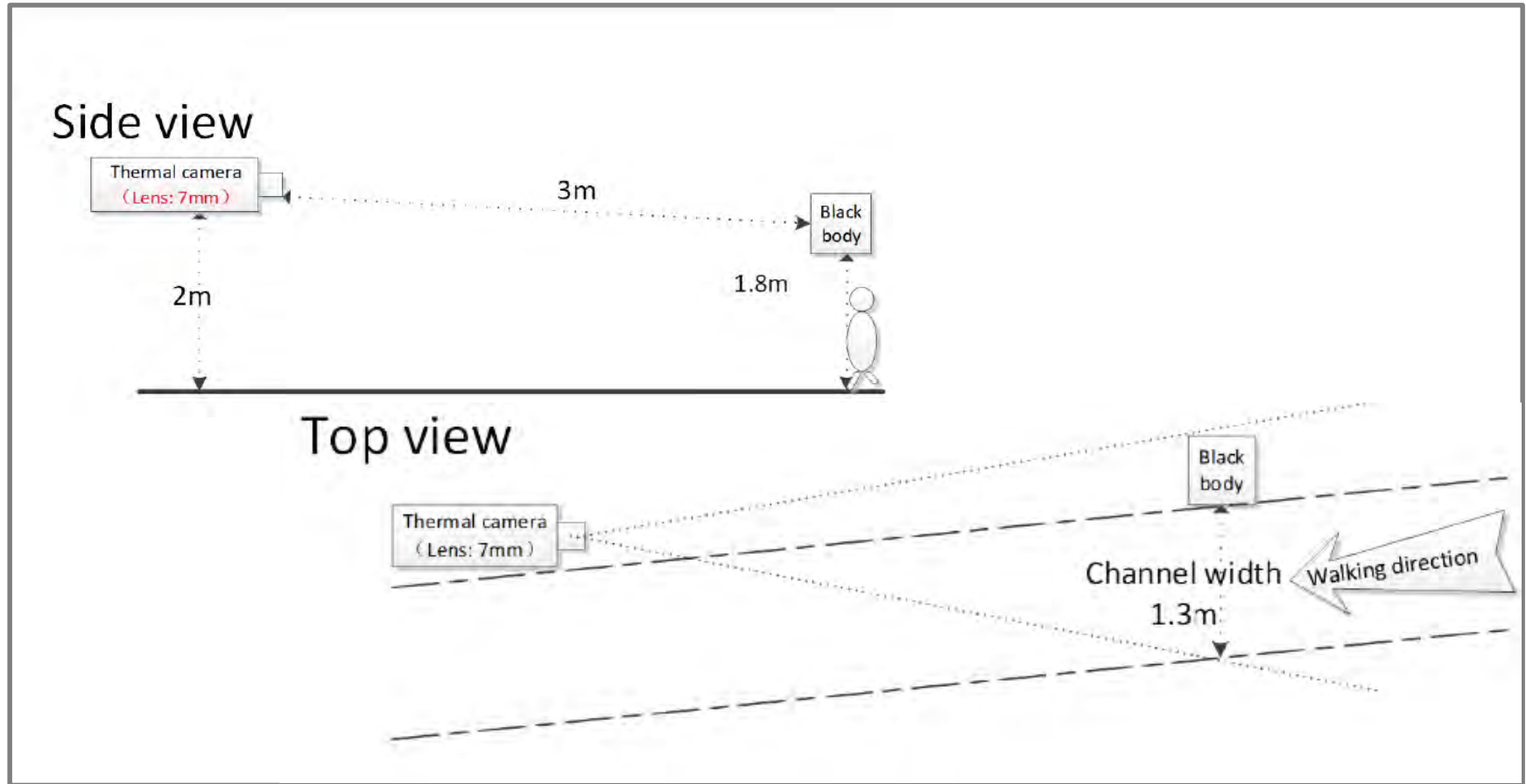- Maintains privacy
- Highly accurate
- **Effective**

HBT System Overview

Functional Diagram

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HBT System Overview

System Layout

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HBT Demonstration Video

System Overview

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Thank you!

Contact

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