



Scylla x MOBOTIX

Healthcare Safety and Security Guide



MOBOTIX



Chapter One: Basic Safety

When it comes to security, the first thing you need to think about is safety. The cameras and video analytics you choose need to be able to provide a level of safety that meets your needs. Some of the features you should look for include access control, violence, and weapons detection, slip and fall detection, smoke and fire detection, burglary and perimeter protection, and theft and vandalism prevention.

Basic Security: Access Control

One of the most important aspects of security is access control. You need to be able to restrict access to certain areas of your healthcare facility and make sure that only authorized personnel can enter. Cameras with access control capabilities powered by face recognition can help you do this.

Access control enabled cameras can be used to track who is entering and exiting your facility. They can also be used to monitor access to restricted areas, such as patient rooms or the pharmacy. This can help you ensure that only authorized personnel are able to enter these areas.

Access control cameras can also be used to enforce policies regarding visitor access. For example, you may want to require all visitors to show their ID before they are allowed into the facility. This can help you keep track of who is entering and exiting your facility.

Basic Security: Violence and Weapons Detection

Video analytics can detect if someone is carrying a weapon, such as a rifle, handgun or shotgun and pick up fights. This violence is unfortunately a part of modern healthcare, especially in emergency rooms.

Basic Security: Slip and Fall Detection

AI (Artificial Intelligence) powered analytics can also detect slips and falls, allowing a fast response and recording of the incident for later follow-up.

Basic Security: Smoke and Fire Detection

Smoke and fire detection is another important aspect of security for healthcare facilities. Fires can quickly spread through a facility and cause extensive damage. Cameras with smoke and fire detection capabilities or fire and smoke detection analytics with standard cameras can help you detect fires before they become a problem.

Smoke and fire detection cameras can be used to detect smoke and heat in the area. They can also be used to detect the presence of flames. This can help you respond quickly to any fires that occur in your facility.

Basic Security: Burglary and Perimeter Protection

Another vital element of healthcare facility security is protection from burglary and the perimeter. Burglars can quickly steal valuable equipment or medications from a facility.

Cameras with burglary and perimeter protection capabilities can help you deter burglars and protect your property.

Burglary and perimeter protection cameras can be used to monitor the area around your facility. They can also be used to detect intruders. This can help you catch burglars before they can steal anything from your facility.

Basic Security: Theft and Vandalism Prevention

In addition to burglary, theft and vandalism are also major concerns for healthcare facilities. Cameras with theft and vandalism prevention capabilities can help you protect your property from these threats.

Theft and vandalism prevention cameras can be used to monitor the area around your facility. They can also be used to detect intruders. This can help you catch thieves and vandals before they can damage your property, steal supplies or medical records.

Chapter Two: Reducing overload on healthcare staff

One of the biggest benefits of using surveillance cameras with video analytics in healthcare facilities is that they can help reduce the amount of routine work that personnel need to do, allowing them to focus on delivering patient care. Video analytics can be used to monitor patients, staff, and visitors. This can help you keep track of what is happening in your facility and ensure that everyone is kept safe.

Personnel Support: Reduce Patient Rounds

One of the ways that video monitoring can help relieve personnel is by reducing the number of patient rounds that need to be made.

By remotely monitoring patients, you can reduce the amount of time that personnel need to spend checking on patients. This can free up personnel to do other tasks, such as caring for patients or cleaning the facility.

Personnel Support: Monitor Multiple Patients in Parallel

Cameras can also be used to monitor multiple patients in parallel. This can help personnel keep track of all the patients in the facility at once. This can help ensure that no one falls through the cracks.

Personnel Support: Prevent Alarm Fatigue

Alarm fatigue is a frequent problem in healthcare facilities. Alarms can often be triggered accidentally, which can lead to personnel becoming desensitized to them. This can lead to serious problems, such as patients being neglected or medication errors.

Surveillance cameras can help prevent alarm fatigue by providing a visual reminder of when an alarm has been triggered. This can help personnel respond quickly to alarms and ensure that no patients are neglected. For the security team, our highly accurate analytics reduce false alarms, reducing fatigue in the security operations room.

Personnel Support: Video Identification Instead of Requiring a Key

Surveillance cameras combined with face recognition can be used in healthcare settings to identify people, which is one of the most important advantages. This may help you guarantee that only authorized individuals have access to the facility and helps support initiatives to reduce diversion of medical narcotics.

Chapter Three: Caring for People

In addition to relieving personnel, video surveillance can also be used to help care for people. Cameras can be used to monitor patients and ensure that they are following the rules.

Patient Monitoring: Discreet Round-the-Clock Security

Cameras may be used to monitor patients discreetly if necessary. This might assist you in ensuring that patients follow the regulations and are not in any risk.

With AI-powered analytics, you can monitor patients round the clock without having to always staff someone in the room. This can help you keep track of patients without disturbing them.

Patient Monitoring: React to People in Need

Cameras can also be used to help personnel react to people who are in need.

If a patient falls, for example, the video analytics solution can send an alert to personnel. This can help personnel respond quickly and aid the patient.

Patient Monitoring: Realtime Communication

Cameras can also be used to provide real-time communication between personnel and patients. This can help personnel ensure that patients are following the rules and answer any questions that patients may have.

MOBOTIX cameras can provide two-way communication between the camera and the user. This can be used to help personnel and patients communicate with each other in real time.

Patient Monitoring: Maintain Privacy and Discretion

Patient privacy is a top concern in healthcare facilities.

Surveillance cameras can be used to monitor patients without invading their privacy. Advanced analytics solutions are GDPR compliant and can optionally blur faces. This can help you maintain the privacy of your patients and ensure that they feel comfortable in the facility.

Chapter Four: Effective Processes

Video recording also has several applications outside of safety and security. Surveillance cameras might be utilized to improve the efficiency of your operations by monitoring traffic flow and uncovering bottlenecks.

Traffic Monitoring: Parking Garage Management

Healthcare facilities will need to monitor outside of their facilities as well to manage parking garages. Traffic congestion in parking garages can lead to long waits and frustrated drivers.

Cameras can also be used to monitor the flow of traffic in a parking garage. This can help you ensure that there is enough space for people to park and that no one is taking up more than their fair share of space.

Traffic Monitoring: Person Traffic Flow Management

Traffic analytics can help with lines in waiting rooms and other areas for queue management. By tracking the number of people in line and the rate of flow, you can ensure that everyone is processed as quickly as possible without causing undue delays. You can also understand the flow of people through your facility to help reduce congestion and collisions.

Traffic Monitoring: Video Training and Operations Support

With footage within the healthcare facility, administrators can review the footage to see how staff are working and behaving to improve their training. In some cases, this type of video footage can even be used as evidence in legal proceedings.

In addition to being able to review footage for training purposes, administrators can also use it for real-time support. If an incident occurs, administrators can review footage to try and determine what happened. This can help them get to the bottom of an incident quickly and ensure that it does not happen again.

Chapter Five: Safety Precautions

One of the biggest benefits of using surveillance cameras in a healthcare setting is the preventative security measures.

Safety Precautions: Detect Defined Temperature Ranges

Cameras can be used to detect defined temperature ranges. This can help you ensure that your facility is keeping a consistent temperature and that no patients are at risk of being harmed by the environment.

Safety Precautions: Mask Detection

Masks are an important part of keeping patients safe from contagions.

Surveillance cameras can be used to detect when someone is wearing a mask. This can help you ensure that everyone who enters the healthcare facility is following the safety protocols

Safety Precautions: Overcrowding Detection

Healthcare facilities can be crowded, and this can lead to safety concerns.

Video analytics can be used to detect overcrowding. This can help you ensure that there is enough space for people to move around and that no one is in danger of being crushed or suffocated.

Safety Precautions: Social Distancing

With the spread of COVID-19, it is important to enforce social distancing.

Surveillance cameras can be used to detect when people are violating social distancing guidelines. This can help you ensure that everyone is staying safe and preventing the spread of the disease.

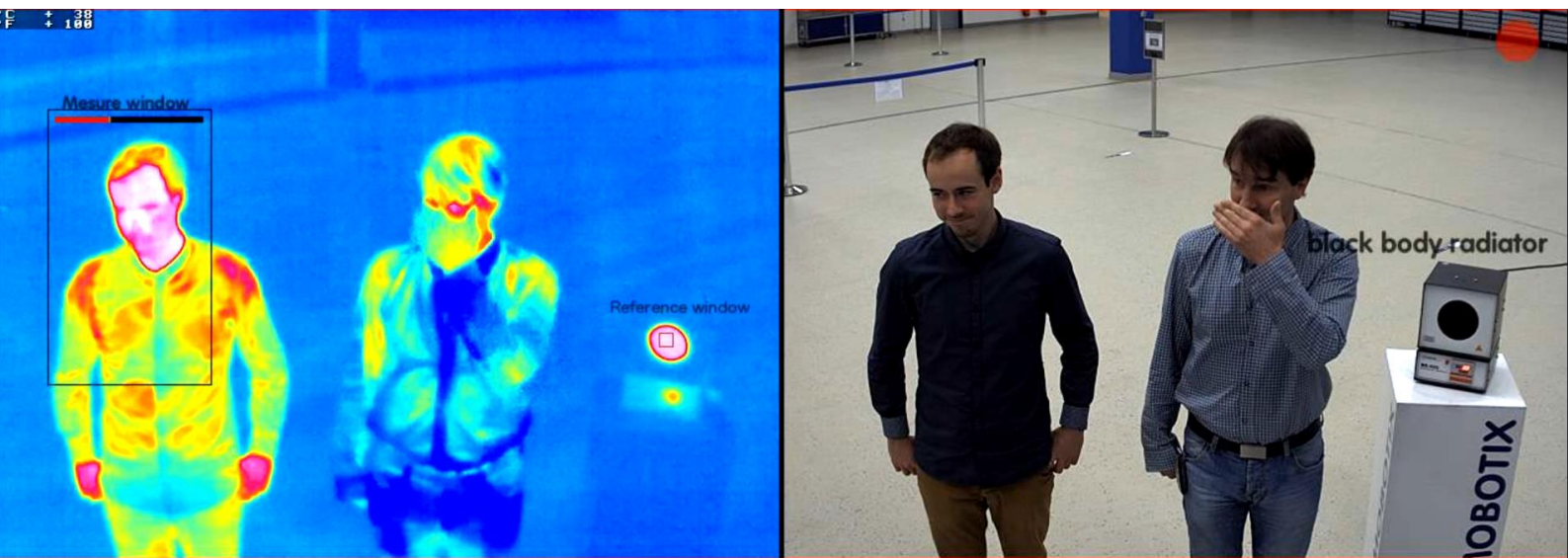
Chapter Six: Putting It All Together

By now, you should know the benefits of using Scylla AI powered video analytics, together with MOBOTIX cameras. You also should be familiar with their characteristics and how they can help your company.

The following functions can help your healthcare facility maximize both safety / security and efficiency.

- **Gun detection & active shooter tracking in real-time.**
- **Slip and fall detection** – Detects and records slips and falls.
- **Slip and fall prevention** - Nurses are alerted in real-time as soon as a patient is trying to leave their bed, so that immediate help and support can be provided. The solution does not require facial recognition or any other technology that may be associated with breaching privacy of the patient.
- **Workplace violence detection** – Automatically detects a wide variety of violent behaviours including fight, assault, and abuse.
- **Abandoned object detection** – Can be utilized to detect abandoned objects and litter on all connected cameras.
- **Intrusion detection** – Detects people or vehicles entering a designated area. Includes False Alarm Filtering to reduce false alarms by up to 99%.
- **Face recognition** – Can be used to identify known troublemakers and can be integrated with access control applications.
- **Pandemic compliance solution** – Effectively runs non-invasive skin temperature monitoring, social distancing monitoring, real-time people counting, face mask usage detection and emergency contact tracing.

To find out more, please contact your MOBOTIX or Scylla sales representative.

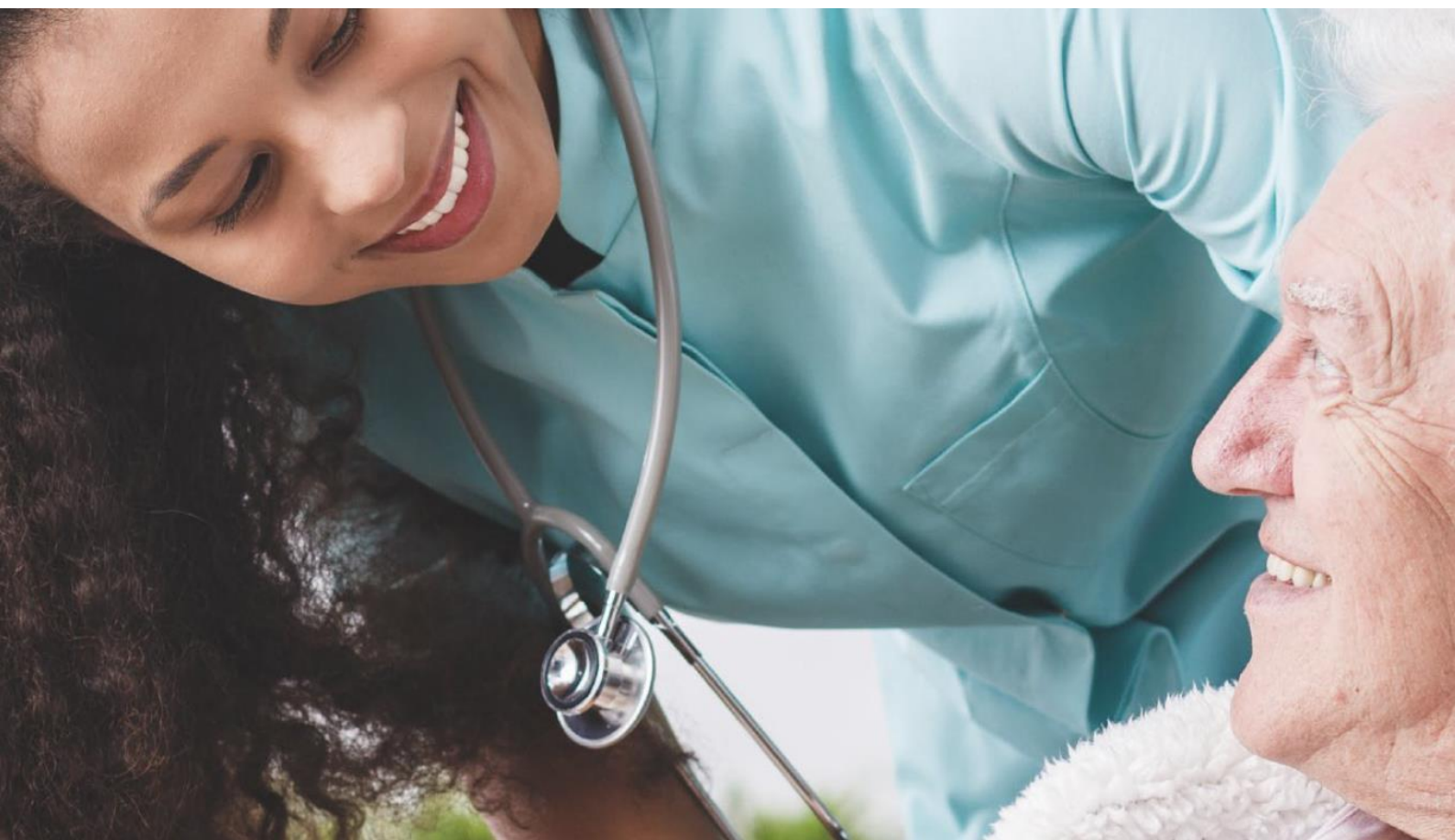


MOBOTIX and Scylla – working together in healthcare

MOBOTIX and Scylla are partnering to provide a comprehensive range of video-based security solutions for healthcare facilities. Both companies share a goal to protect and support patients, staff and visitors using intelligent and secure video technology.

MOBOTIX is a global leader in video solutions with reliable, advanced cameras and management platforms. These seamlessly integrate with Scylla's advanced AI analytics to protect against violence, slips and falls, intrusion, theft and more.

Learn more about Scylla x MOBOTIX Healthcare Security Solution at <https://www.scylla.ai/mobotix-healthcare-security-solution/>





**Scylla makes the camera
surveillance environment real-time
proactive instead of reactive.**

For more information please contact

Scylla Technologies, Inc.
Address: 11801 Domain Blvd, 3rd Fl.
Austin, TX 78758, United States
Tel: +1 747 271-4717
Email: inquiries@scylla.ai