



# KIOT

Smart Seats

# *What's Inside?*

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Smart Seats	-----	01
The Problem	-----	01
Our Solution	-----	02
Highlights	-----	03

# *Make your silver screens* **Foolproof with KIOT Smart Seats**

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KIOT's Smart Seats provides a cost effective and novel approach of live audience verification through application of Internet of Things (IoT) technology. Our solution can be used in movie theatres for automatically recognizing and verifying the number of people sitting in theatre seats in real time to help you detect and prevent ticketing fraud.

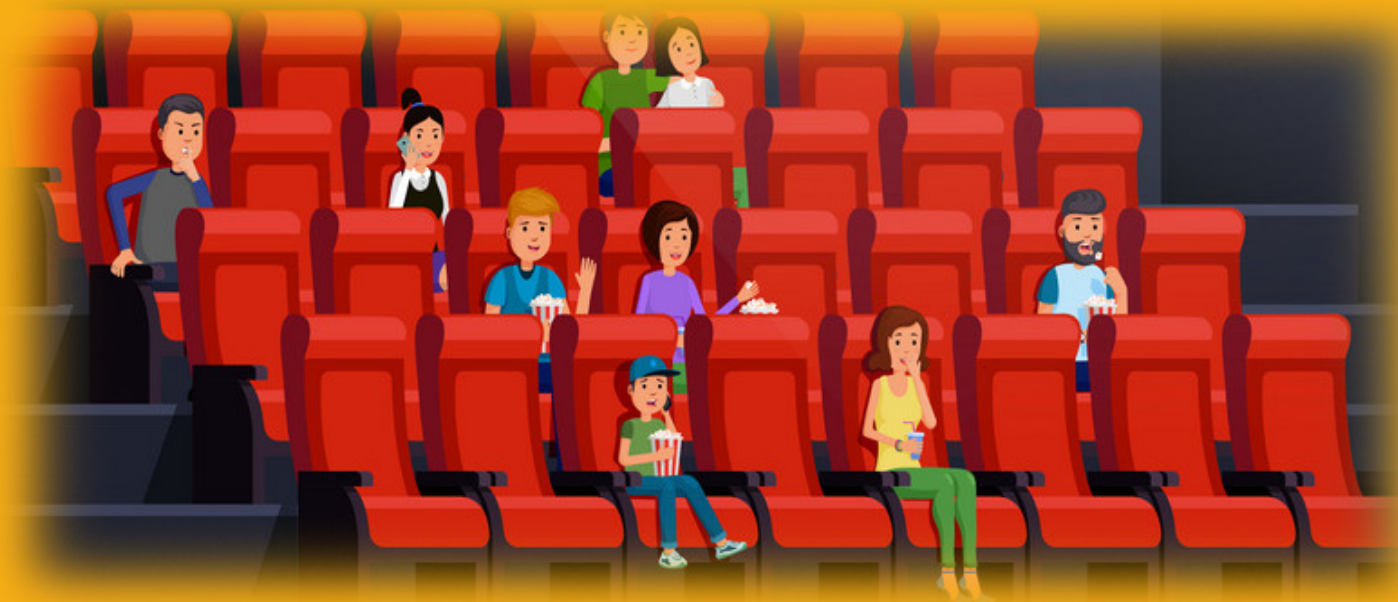


## *The problem* **Rampant Ticketing fraud**

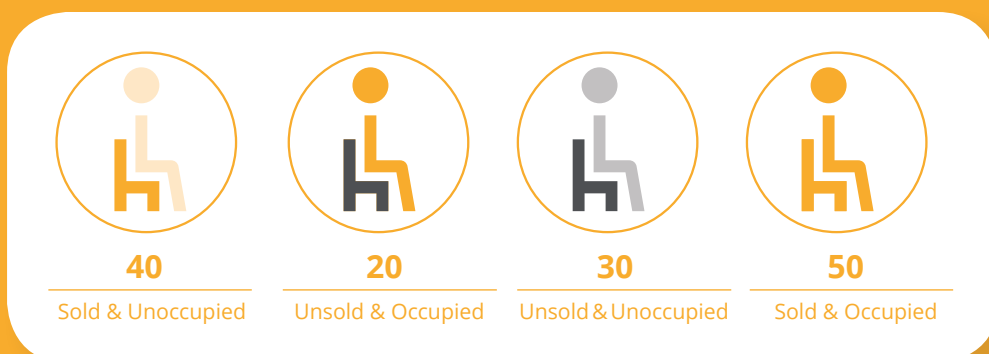
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Ticketing fraud is a major problem in the movie distribution business. Many internal and external sources do dubious activities that cut into your revenue. Illegal distribution of tickets which do not appear on the official log, deflated report of actual number of tickets sold are just a few issues in theatre fraud. Over time, this cuts into your profit margin and creates a huge financial loss.

# Our solution



With KIOT Smart Seats, you can see the number of seats occupied in your movie hall in real time during the entire duration of the movie premiere. Our solution makes use of precise occupancy tracking sensors and an interactive web portal to achieve this. The sensors are attached to the seats and constantly communicate the occupancy status of every seat in the theatre to a web portal. Using the portal, cinema owners can view the seat occupancy status and the total number of seats occupied in the movie theatre during its premiere.



Our solution is designed such that you can view real time seat occupancy as well as detailed seat occupancy reports even after movie show ends. This allows you to prevent theatre fraud and subsequent revenue losses, hence have better control over theatre operations.

# *Highlights*

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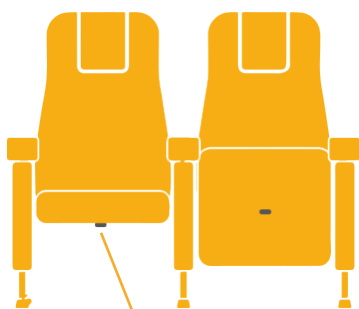
## Real time detection in Smart seat verification portal

The web portal has a simple and intuitive UI where you can view the real-time seat occupancy status of every seat during a movie show along with the seat occupancy count. It also has a graphical layout that replicates the cinema hall occupancy with the unoccupied seats highlighted for movies being premiered at the moment.



## Easy Integration with API's

KIOT provides Easy Integration of real time detection to existing systems. KIOT smart detection can be integrated to existing ticketing softwares through API's. No major changes need to be done to existing software. At the seating level KIOT shall install smart sensors to detect seat occupancy.



Smart Sensors to detect seat occupancy



## Detailed audience count reports

Detailed audience count reports are produced for every movie premiere. The report shows the no. of seats occupied as reported by the smart sensors for the list of all movies being shown in the theatre alongside their respective show timings. You can filter the seat occupancy reports of shows in a given time interval, say the last one week. This will produce the seat occupancy data of all movie premiers in the last one week. This feature helps you review the movie hall occupancy even if you cannot monitor in real time.



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