

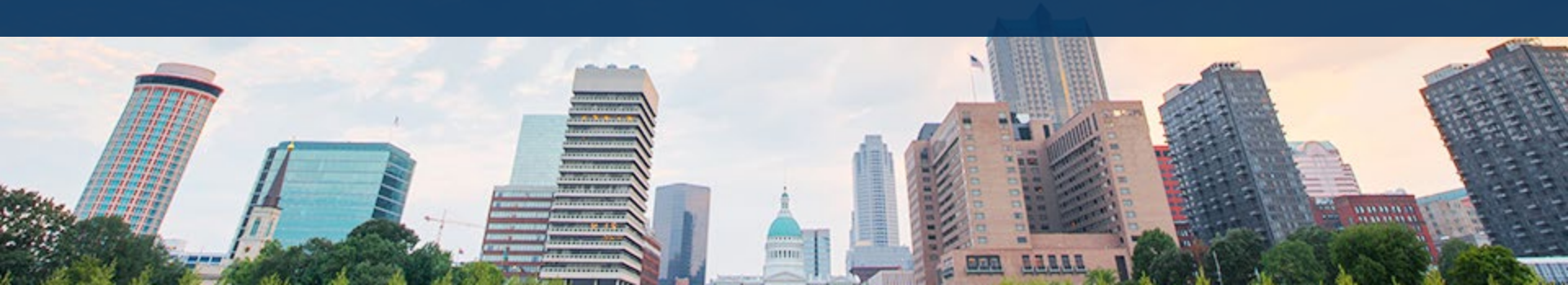


CORRECTIONS  
TECHNOLOGY  
ASSOCIATION

*The Gateway to Innovation*

***Innovation and rehabilitation via new  
digital services***

[CombiTel Group] : 14/06/2022





Agency practitioner:  
Dr Marietta Martinovic  
Senior Lecturer in Criminology and Justice  
RMIT University, Melbourne, Australia

Business partner:  
Eugene Razbash  
Managing Director  
CombiTel Group, Melbourne, Australia





## Content of the presentation

1. Thesis Statement
2. Magnitude
3. Steps
4. Demonstration
5. Success story
6. Questions and answers



## Thesis statement – the identified problem

Research in prisons has traditionally been showing:

- Boredom in prisons
- Low educational attainment and high rates of illiteracy amongst offenders
- Poor engagement in rehabilitative prison programs
- High rates of violence and bullying between offenders and offenders and officers
- Feelings of loneliness and disconnect from family and society



This has resulted in dire outcomes for our society:

- Re-entry process seen as very difficult by offenders – “I feel like I don’t belong back in society” “I cant get a job... I can’t cant get a house...”
- Re-offending rates are high (In the US, UK, Australia and NZ between 45-70% of offenders are re-incarcerated within 2 years of release)



## Steps – Process used to address the problem

1. Scoping – is there a problem?
2. Problem solving – Setting up of a project team
3. PoC deployment – online or offline devices
4. PoC review
5. Deployment of digital devices





## Demonstrate – Show the applied solution

- Innovative digital devices delivered through secure devices such as tablets and VDI terminals, have the potential to provide prisoners with greater engagement and enhanced learning opportunities.
- Content on these new digital devices can include curated live TV, video on-demand, audiobooks and e-books.
- *See the 'live user interface' and demo environment with all content types.*



Demonstrate – Show the applied solution

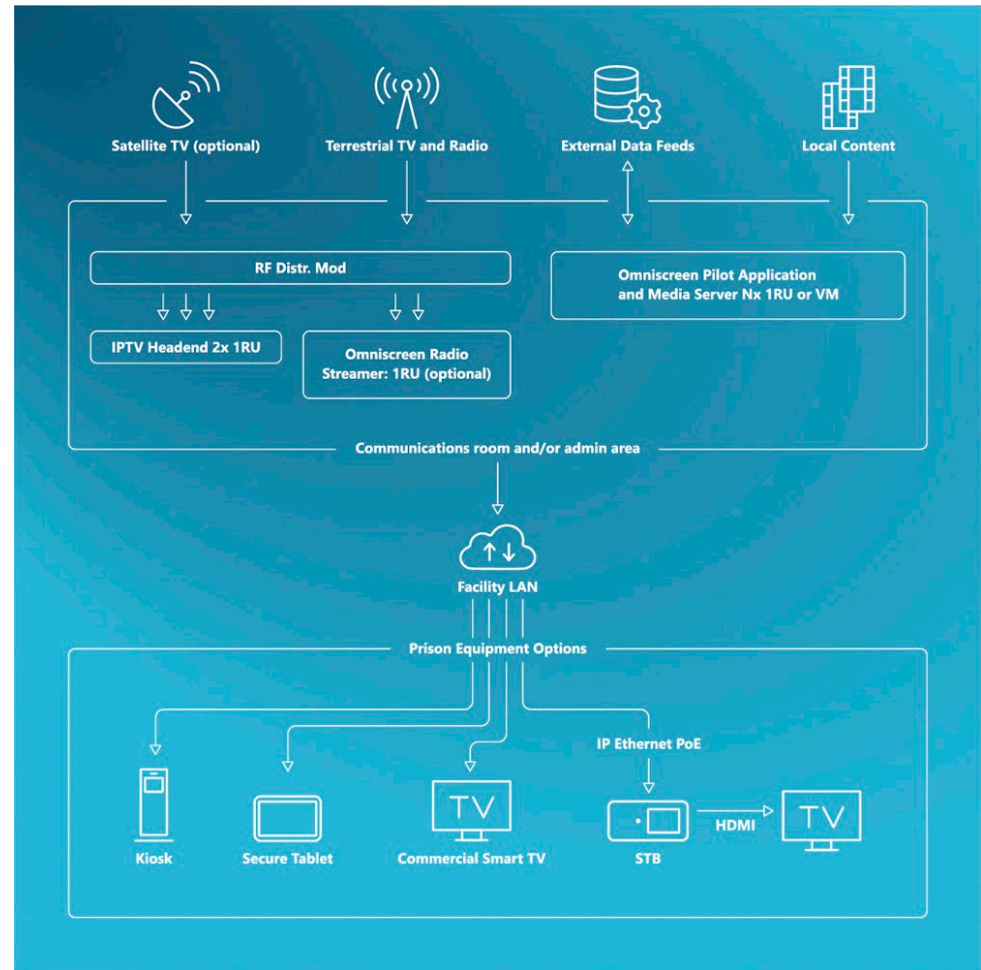
# Live System Demo





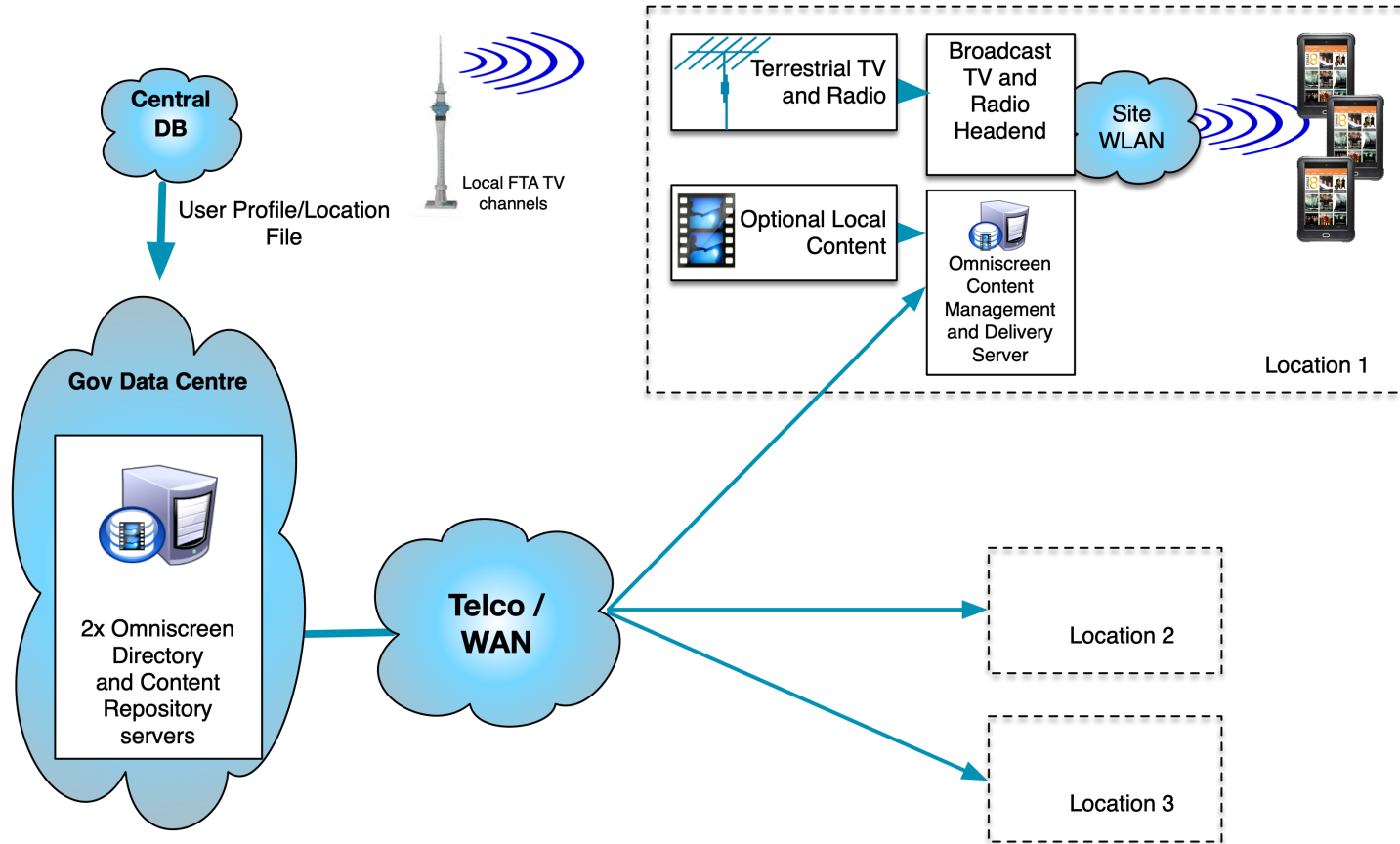
# Typical Hardware Required

- TV/Radio Headend
- Streaming Server
  - Cloud Gateway (where permitted)
- TV/Display
  - Vandal-resistant enclosure
- Tablet
- Kiosk equipment





# State-wide Solution Map





# Vandal-resistant Enclosure

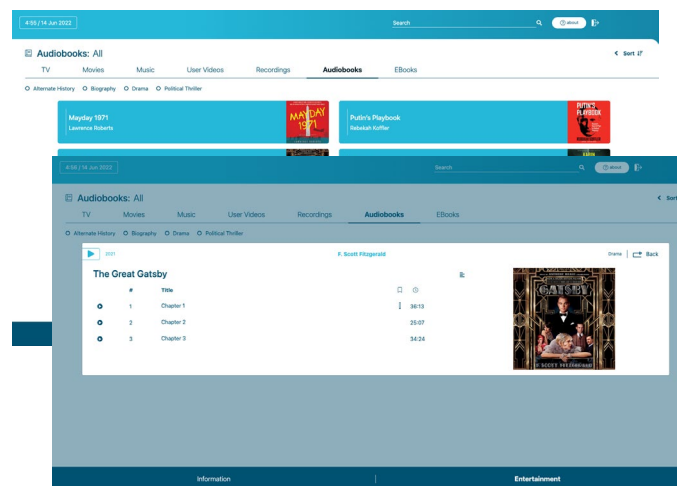
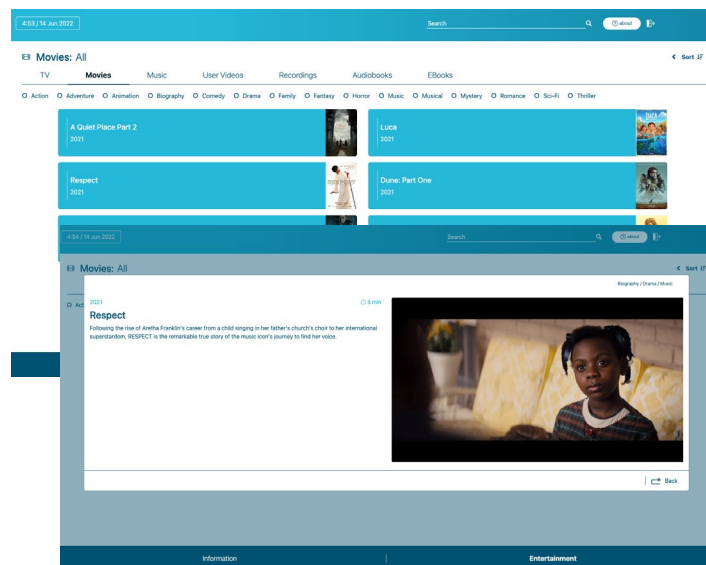
- Stainless steel
- Passive ventilation
- Can be integrated with Intercom/speakers
- Enclosure Protects:
  - TV display
  - Media player
  - Push button controller
  - Optional mechanical and electrical interfaces





# Tablet Solution

- Android Tablets
- Windows Tablets
- 3rd Party Tablets Integrated
- Suits all kinds of interactive content:
  - Live TV
  - Movies On-demand
  - Music On-demand
  - Audiobooks
  - E-books





## Success story – measures of success

- Feedback from correctional administrators and prisoners thus far has been very complimentary.
- According to research these digital devices with engaging content have the potential to make custodial environments safer, and better prepare prisoners for re-entry into the community.



## Questions and Answers

For more information  
please contact:

Eugene Razbash

COMBITEL

[eugene@combitel.com.au](mailto:eugene@combitel.com.au)

+61 411 472 222

