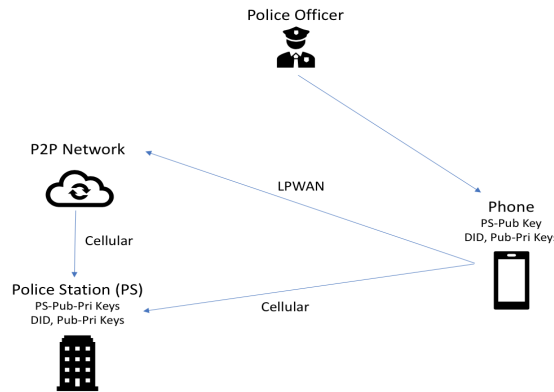


## OVERVIEW

- An application for mobile devices to replace traditional **BodyCams** for Law Enforcement Officers
- Provides non-repudiation through hashing
- Multi-video streaming modes
- Peer-to-Peer Connection (P2P) via Apple's Multi Peer Connectivity Framework
- Sends captured video's metadata (Time, Location, Weather) to a server and constantly updates the status of the police officer

## METHODOLOGY



- Application constantly updates its status to the server every 5 seconds
- The captured video's data (hash, location, time) sent back to the server via Cellular network
- Automatically connects to nearby Peer-to-Peer (P2P) connection when cellular network is down

## CONCLUSION

Our app demonstrates that it is possible to create a log of actions taken with the body camera and verify that recorded video is submitted un-altered without having to send full video data over a wireless connection. As connection quality is variable during operation, our app is also able to change data rates and connection methods to work in the challenging environments a police officer might face.

## ACKNOWLEDGEMENTS

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## REFERENCES

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## RESULTS

