

CommUNITY

Technology, communication, and your neighborhood

A division of InTune Technologies Ltd

Trading As “LocalTech”

Thanks for having me

We are interested in starting a charitable service that provides cctv installations for community members, businesses and groups in locations that add additional security to the area surrounding them. The footage would be recorded remotely and available for footage retrieval or on demand monitoring.

This can be achieved in the following 5 steps

With a 6th step intended to bring the community together in its fight against crime

A location for the server.

The best available location to house this hardware is in the storage room on the ground floor of the Pavilion building laings road Lower Hutt.

InTune Technologies Ltd owns 3 full tower network racks in this location and is offering this rack space and access to its Fibre links and network connectivity already located in this storage room.

We will require 24/7 access to this room. InTune has not yet been reassigned this access after taking over the fibre network from Smartlinx 3.

Build the infrastructure for full functionality

- A recording server to support up to 64 cameras, before requiring a second. Footage is to be retained for up to 8 weeks. 120TB Storage per server
- A reliable HyperFibre connection to the Chorus fibre network. A 10gb connection to the recording server. Additional links to the InTune Networks. (located in the previously-mentioned storage room at the Lower Hutt Pavilion building.)
- Ultra-high-Definition review and monitoring station. Intel I9 CPU, 128GB Ram, 8K Dual monitors. GeForce GTX4090. 10TB local Storage Raid 1. Windows 10 Pro. Office 365.
- Software = Milestone 64ch license. Forensic review addon package to milestone. 64ch
- Install dedicated Wireless PTMP 5ghz and 60ghz Radios on the InTune radio tower atop of the Wainui hill road

Testing the service functionality

- 6 locations have already been selected. They have a proven history of being valuable locations of activity frequently requested by police. The existing cameras on these sites will be replaced, and connectivity redirected to the new recording servers.
 - 1) Ashley Furniture facing Roadhouse bar and grill CBD Lower Hutt
 - 2) High Street Cars CBD Lower Hutt facing the ally behind the JAG building Queens Drive
 - 3) Mayur Dairy & Lunchbar railway ave Alicetown facing railway ave road and footpath
 - 4) Kamahi Dairy Stokes Valley facing road and footpath
 - 5) Total Body Shop Victoria St Petone facing the pac n save ally
 - 6) Jinas Fresh Produce Bridge St Melling facing the Normandale hill road

By using local business to provide power and where needed, network access, we can keep ongoing site costs to an absolute minimum with the target being zero running cost for the camera locations.

Finding another 58 valuable locations

We plan to do this by way of the Hutt Valley Security Noticeboard and its 14,000 and growing members.

We will accept applications to be considered for installations. A form will be setup on our website localtech.co.nz to provide a simple means to make applications. Applications will be higher priority when submitted with a recommendation from local Police or City Council.

We already have submissions come to us for requests of our help in consulting and installing cctv for the community. Thus, there are a range of locations already available. However, these sites will need further reviewing prior to submission for funding.

Advanced training of the latest in footage recording and forensic review software.

Staff to be professionally trained by the instructors at Atlas Gentec in the earliest training sessions.

This training will include Advanced Milestone certification and BriefCam analytics

Additional Brand specific camera training will also be provided to technical staff by dedicated brand specific trainers as they visit locally.

Expanding on the service in the future

We have plans of a mobile application that has an alert button.

When pushed this application performs several tasks.

- 1) The screen goes to minimum configured brightness level.
- 2) The camera and microphone silently start recording for 25 seconds.*
- 3) A message is sent to all application users within an adjustable geofence range (default 10km) of the users' location stating that an incident has occurred and to please await further details.**
- 4) The same message is sent to those preconfigured as required contacts for that user as well as the on-call service administrator.

* This enables the device to capture its surroundings and the situational cause for the alert. After 25seconds it will automatically send out the footage and audio captured along with a link to stream the current footage live. It will then continue to record until the owner either stops the alert or it is cancelled by an administrator.

** Those that receive the alert are encouraged to look out at their surroundings for sightings of those involved in the incident. Be that a fleeing car or a public fight breaking out. They can then, from within the application, record a response and include the updated location of those involved. This can continue after the recording has stopped from the initial alert. A chat service will also be available for text only updates.

Police would be contacted by the administration team on first activation. As information comes in it will be passed onto police communications.

Costs total = \$140,000 plus \$30,000 for app

- Location of the server/s – Free. - with approval from council and 24/7 access, The Lower Hutt pavilion storage room. Existing rack space provided by InTune at no charge. Existing power provided by council.
- Infrastructure \$120,000 = Initial Milestone recording and storage server 64ch licenses with upgraded Briefcam licensing. Ultra-High-Definition review and on-demand monitoring station. Point to multipoint network radio equipment.
- Testing \$11,000 = 6x 4k IP cameras, assorted formfactors and features. CPE network radios. Cabling and power accessories. Includes installation and setup costs.
- Advertising for installation requests – Free via Hutt Valley Security Noticeboard and its 14,000 members – Decals for vehicle \$3,000
- Staff training - \$6,000 2x technical on-demand staff
- Mobile application - \$30,000 Design, Development, testing, inhouse server for hosting.
- This would start as a volunteer service for the first year until part-time staff are required in order to provide adequate response times. The staff should be COA cleared to a level of Private investigator or higher. It is expected that two staff will be suitable to run this service. With up to 120 cameras over 2 recording servers. Recommended rate for 2 technical staff total is \$100,000 to be split based on on-call schedule.

All values are plus GST

Total including GST \$195,000