

”We Quantify Video”



We specialize in the design and development of Vision-based Systems for the monitoring of assets, such as vehicles and people

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VISON
COMPUTER VISION SPECIALISTS

Website: <http://titan.dlsu.edu.ph>

Two DOST PCIEERD-funded projects

A Vision-based Vehicle Counter for Traffic Monitoring (technically completed Sept 2018)

Sep. 2018

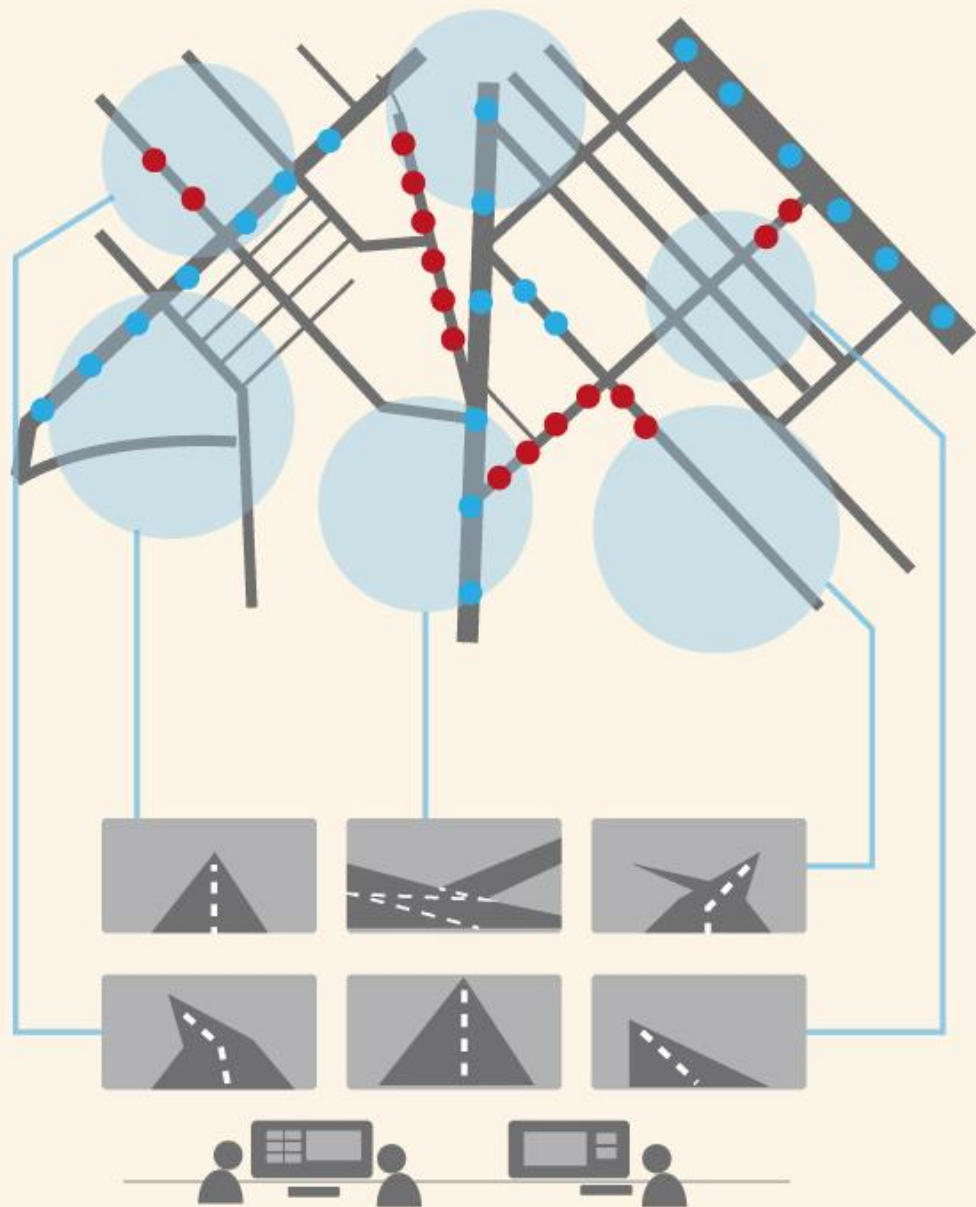
July 2020

Vision-based Traffic Information & Analysis (technically completed July 2020)

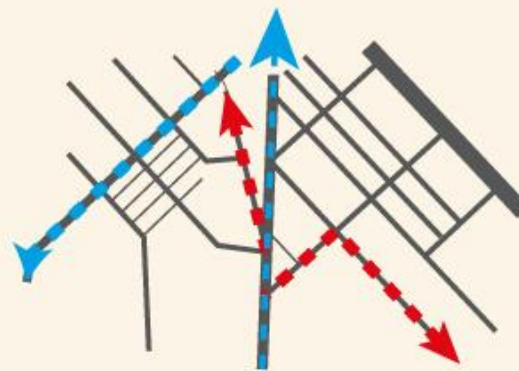




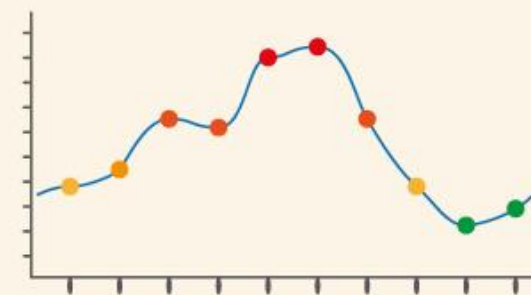
Existing physical camera networks



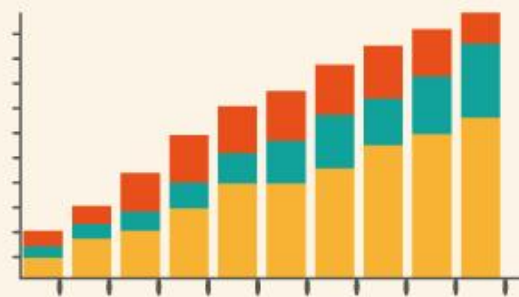
AI / Deep Learning Data Aggregation



Directional flows



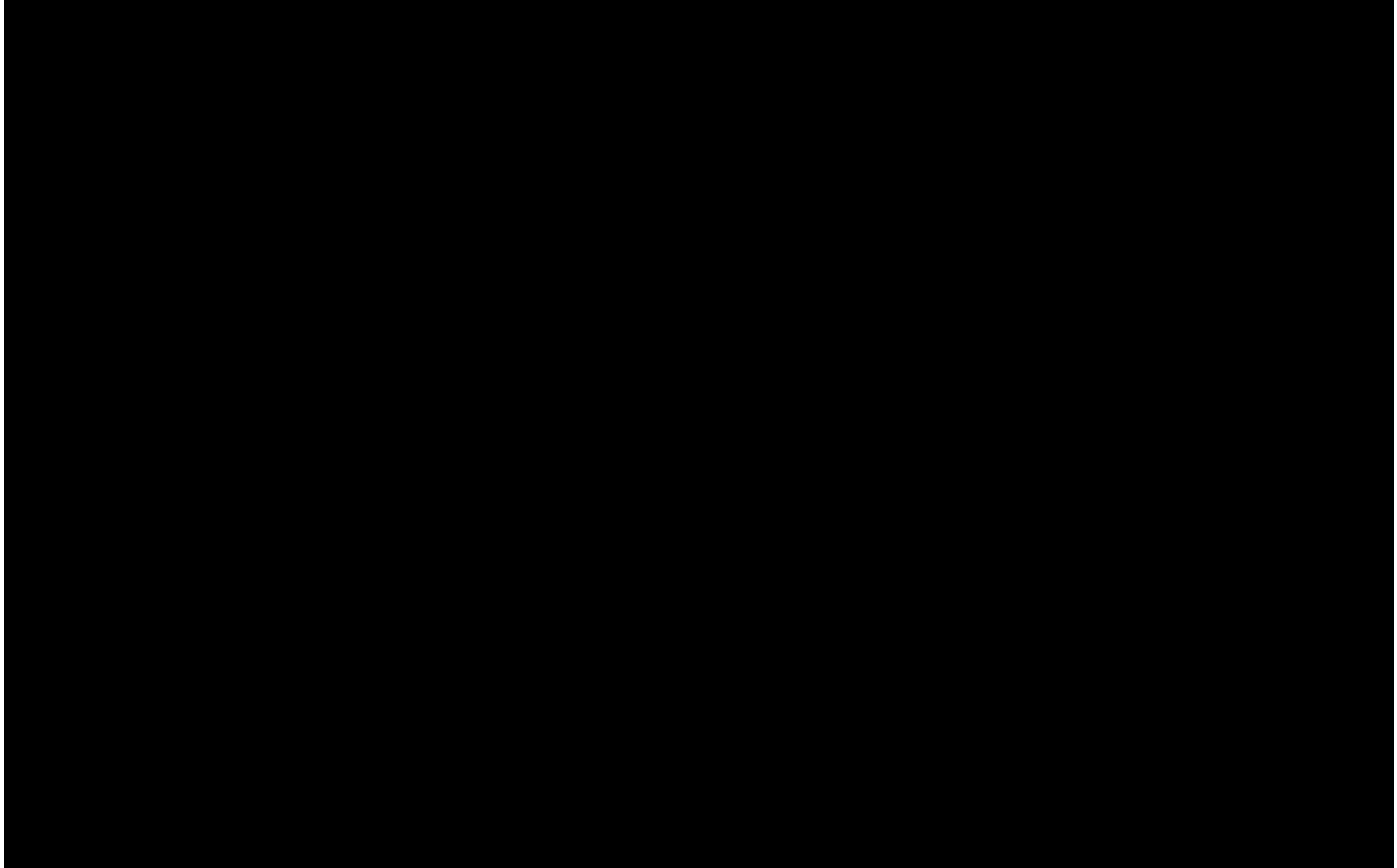
Speed Averages over time





- Accessible to other devices connected to the same network as the TITAN Server.
- Can view livestream of cameras connected to TITAN.
- Can watch videos that are candidate for processing.
- View processed video and generated informations.

Web Interface



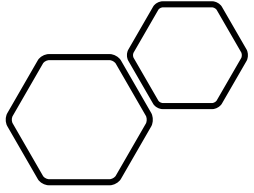


V E M O N

Sp



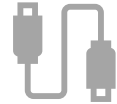
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Distinct Features of the system



**Can accommodate
different camera
viewpoints**



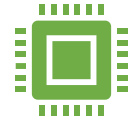
“Plug-and-play”



**Re-configurable for
various object tracking
applications
(customizable)**



**Does not require
expensive/specialized
hardware**



**Distributed computing
environment:**

Scalable
Proven to be faster

Human Tracking Applications



Human Activity Analysis



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