



# RF ENABLED SHELF AND BACK ROOM

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6/4/02

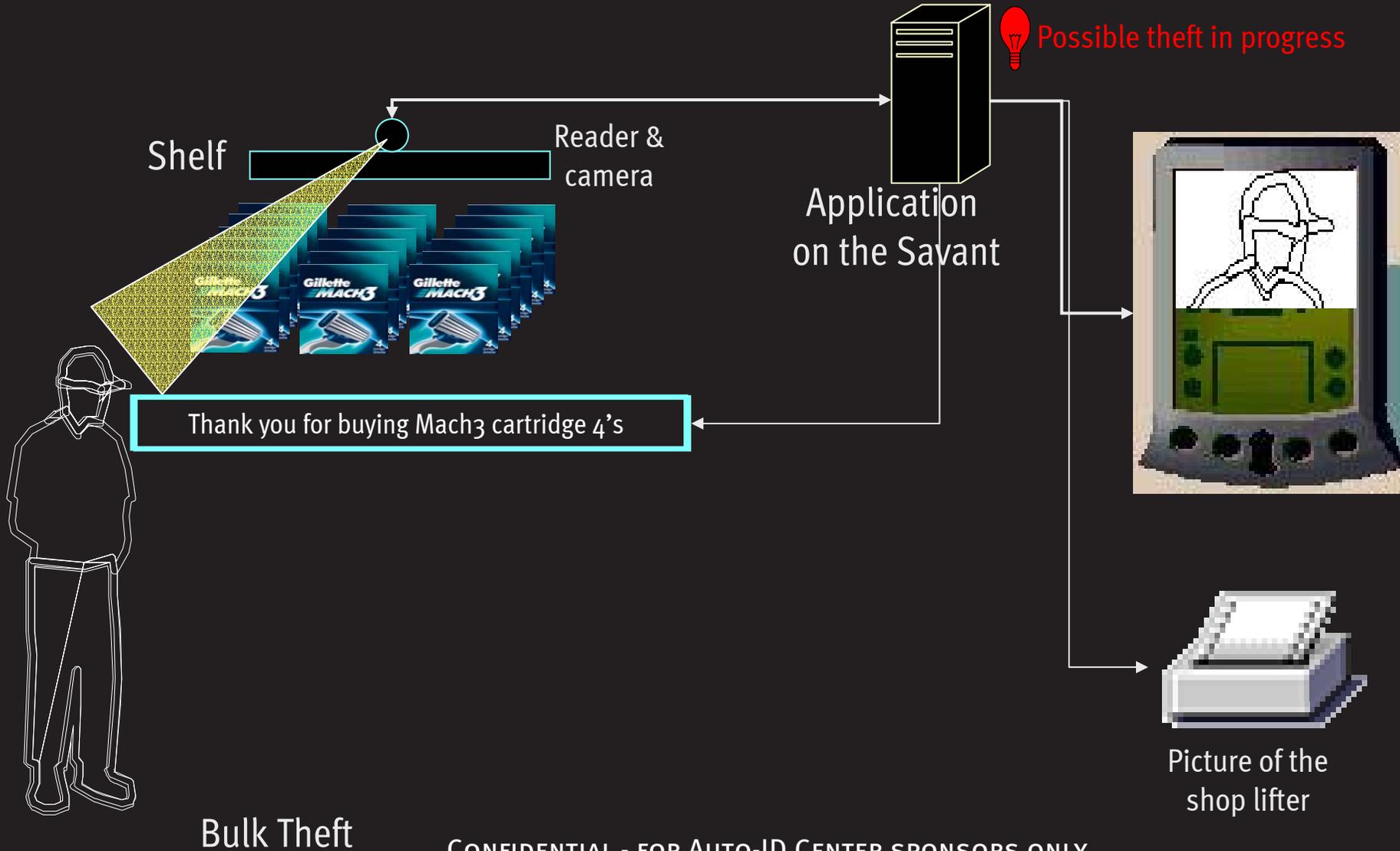


# OVERVIEW

- Use RF technology to predict theft and out-of-stocks
- Use Savant as the platform to write applications to capture, filter, analyze and communicate EPC data

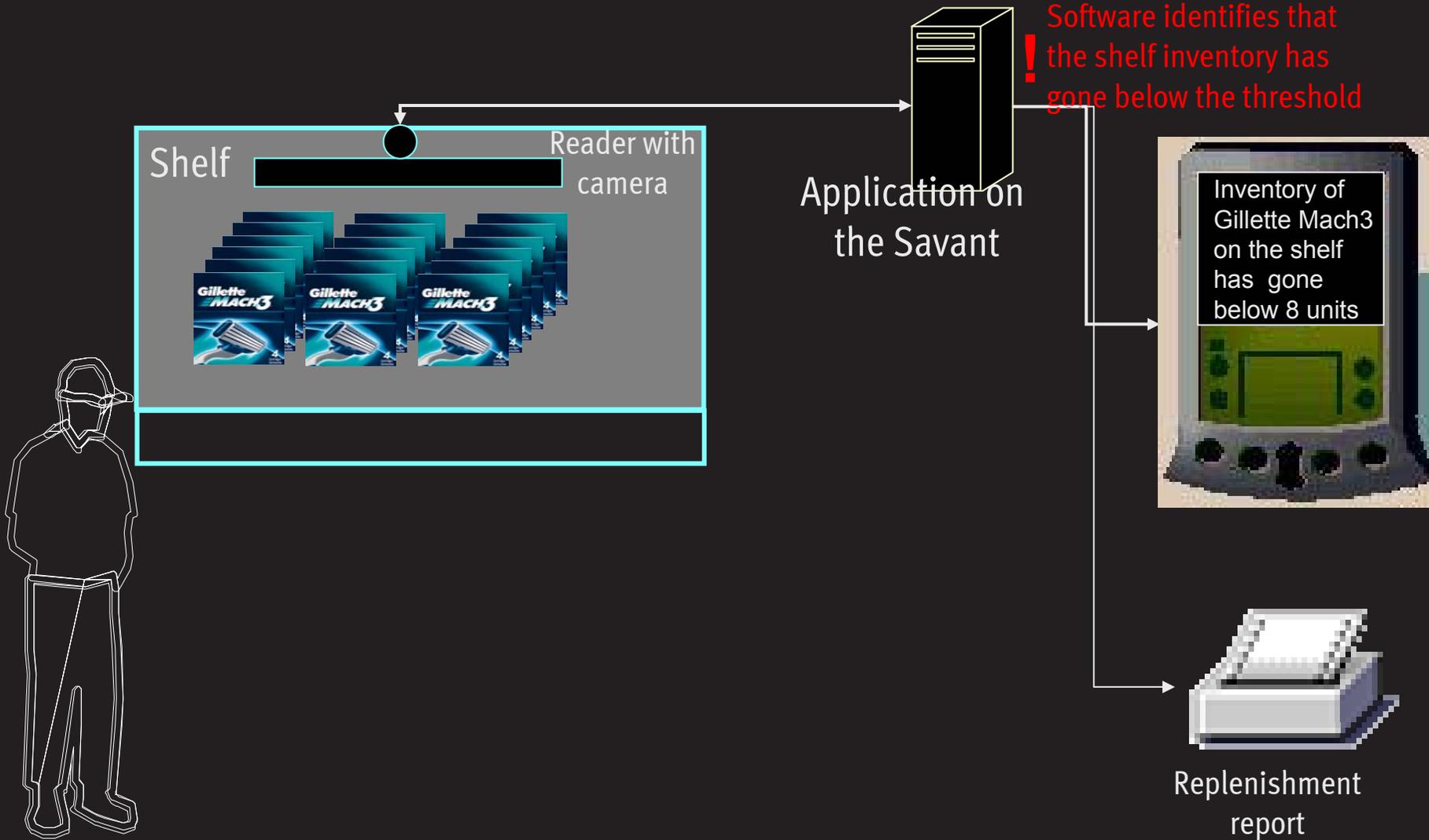


# RF ENABLED SHELF: THEFT PREDICTION & DETERRENCE AT SHELF



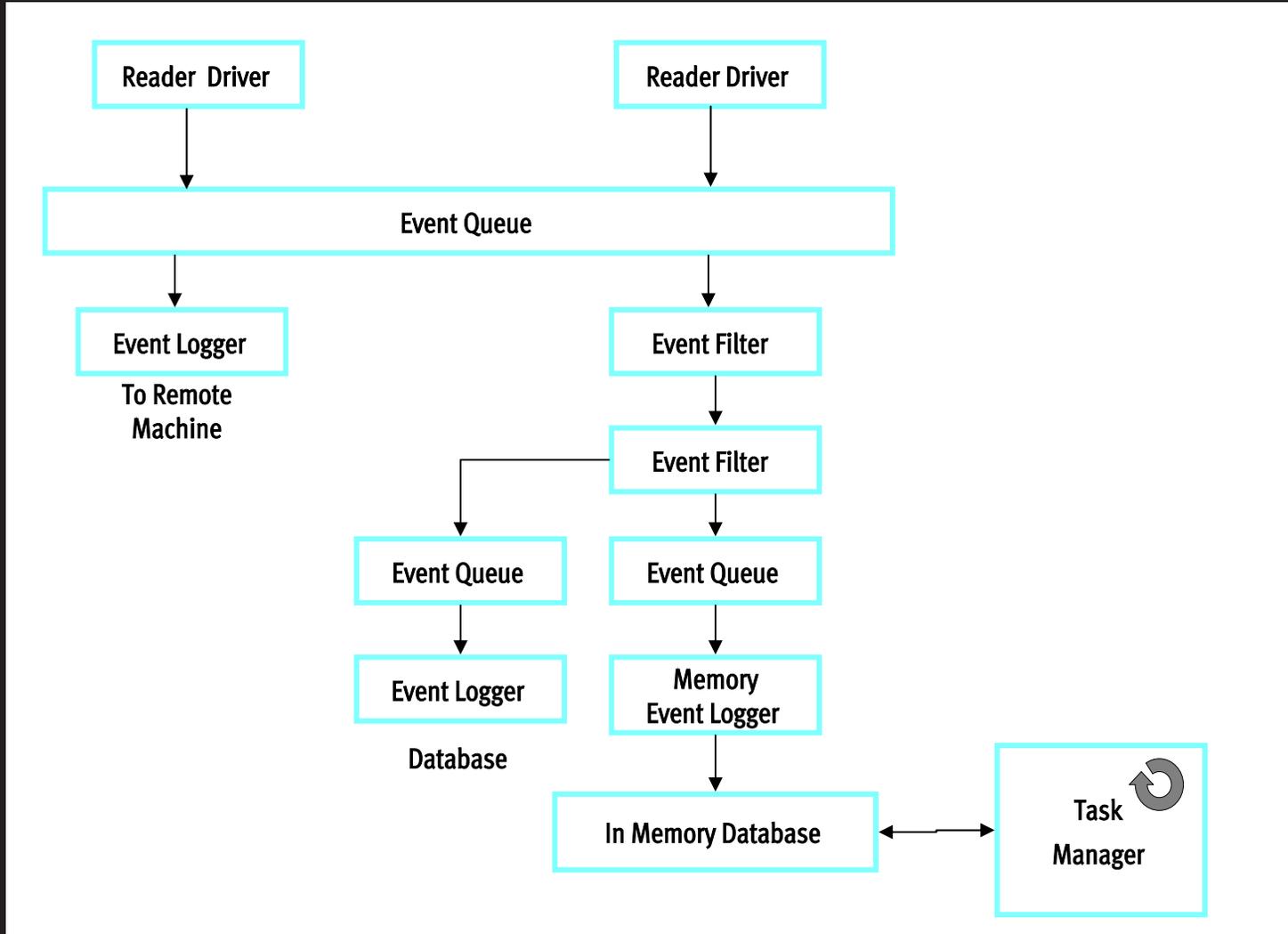


# RF ENABLED SHELF: ELIMINATING OUT OF STOCKS



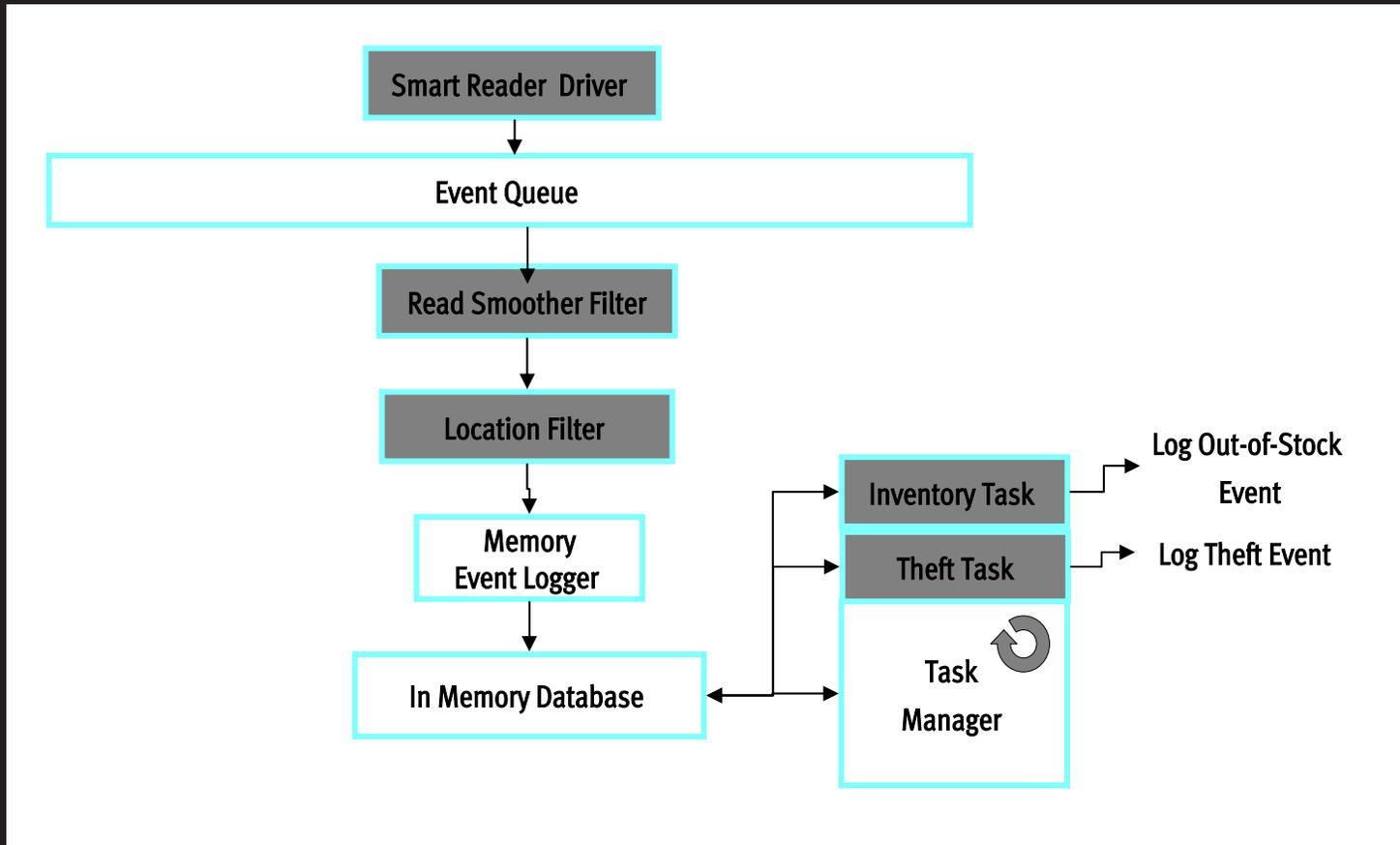


# SAVANT FRAMEWORK



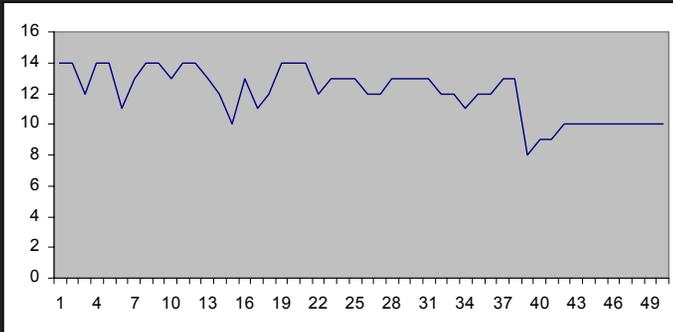


# HOW TO BUILD THE APPLICATION



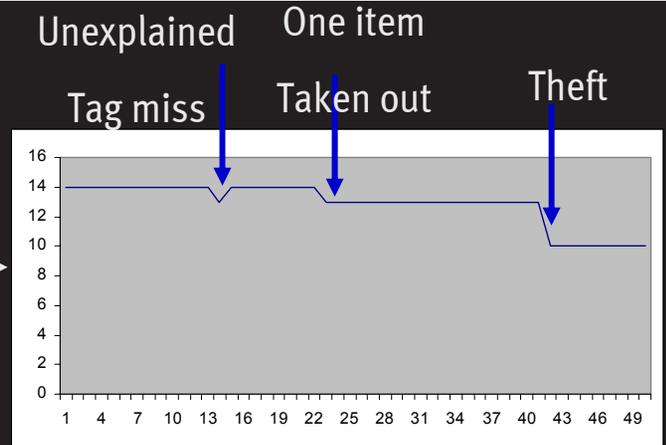


# EPC DATA FLOW

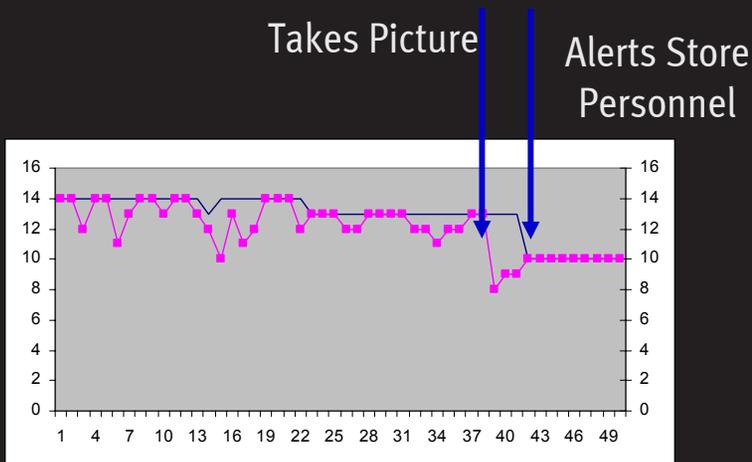


Read Signal

Noise &  
Data  
Filters



Filtered Signal





# SUMMARY

- Savant platform can be used for:
  - Reading data from different types of readers
  - Taking pictures upon triggered
  - Filter data to smooth the read signal
  - Log data/events to various devices