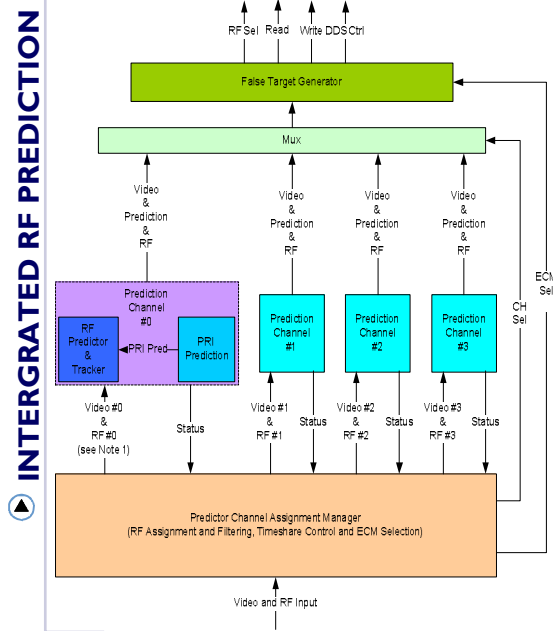
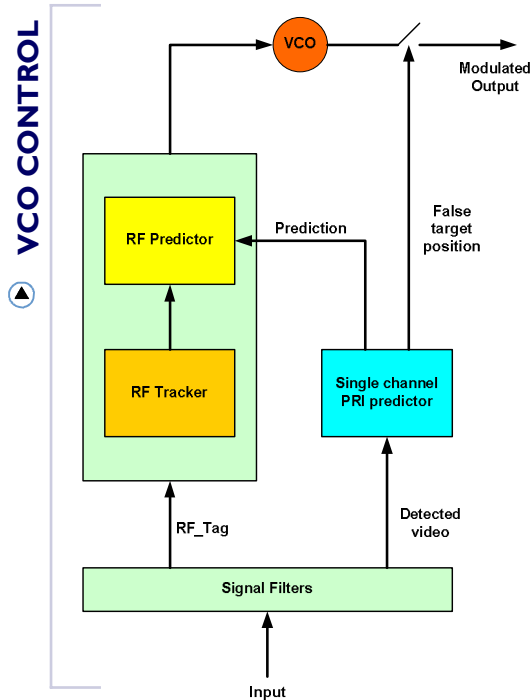


Algorithms similar to those used by the PRED to acquire and track staggered and wobulated PRI patterns are used to predict RF agility. The key to accurate RF prediction is accurate PRI prediction.



RF AGILITY PREDICTION

The Challenge: RF Agile Threat

The Solution: PRED-5A with RF Agility Prediction



RF Agility Prediction can now be combined with PRI prediction capabilities giving your system the ability to counter both PRI and RF agile threats.

In order for an ECM system to create in-bound false targets versus an RF agile threat it is necessary that both the radio frequency of the incoming radar pulse and its time of arrival be predicted.

The PRED series can be used with a VCO to enable an ECM system to create up-range and cover-pulse technique greatly increasing your capabilities against RF agile threats.



A parameter critical to the ability to successfully predict many modulated RF patterns is the ability to correctly predict the time of arrival of the pulse. This is solved using the PRED PRI prediction.

