

# SYSTEMS TO DETECT AND AVOID COUNTERFEIT ELECTRONIC PARTS

## THE PRIME CONTRACTOR PERSPECTIVE

*Dave Penic Component Engineering Manager*  
david.penic@uav.com

# Background

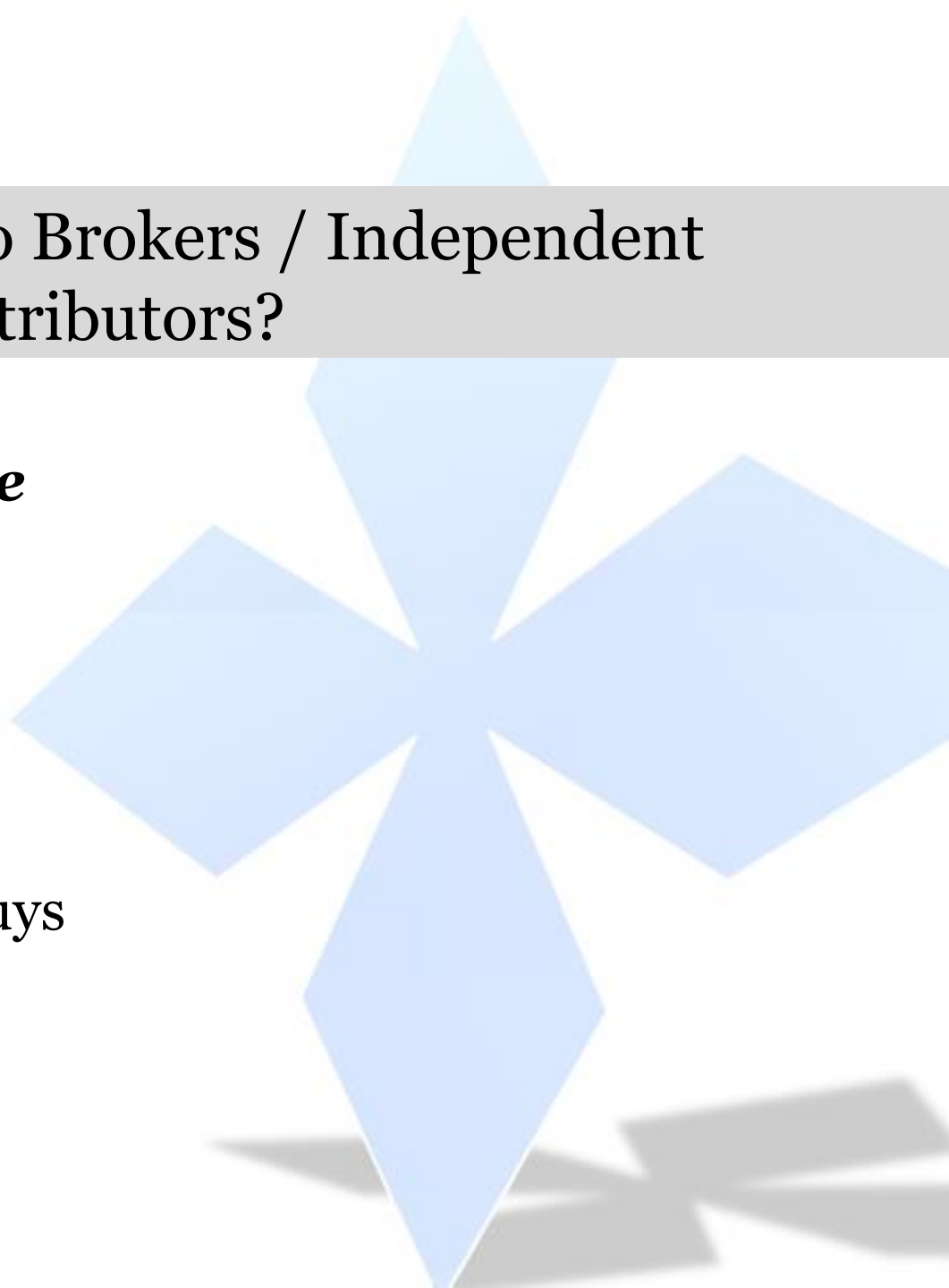


- ❖ Best known for our Predator UAV programs
- ❖ Component Engineering's Role

# What Drives Us to Brokers / Independent Distributors?

## *Why do buy from these sources?*

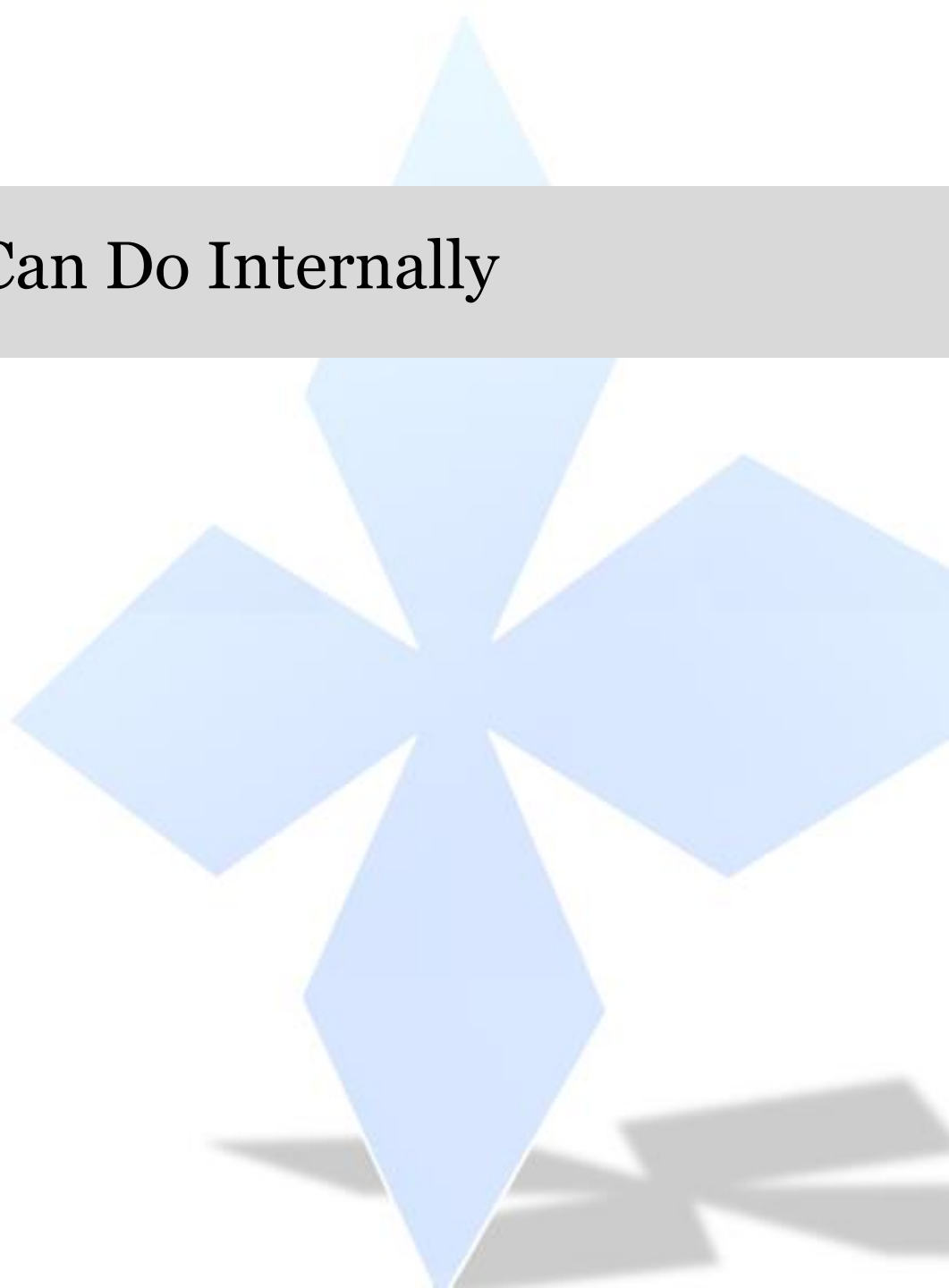
- ❖ Supplier Lead Times
  - ❖ Procurement
- ❖ Planning –Last Time Buys (LTBs)
- ❖ Single Source
- ❖ Supplier EOL



# What We Can Do Internally

## *Avoidance*

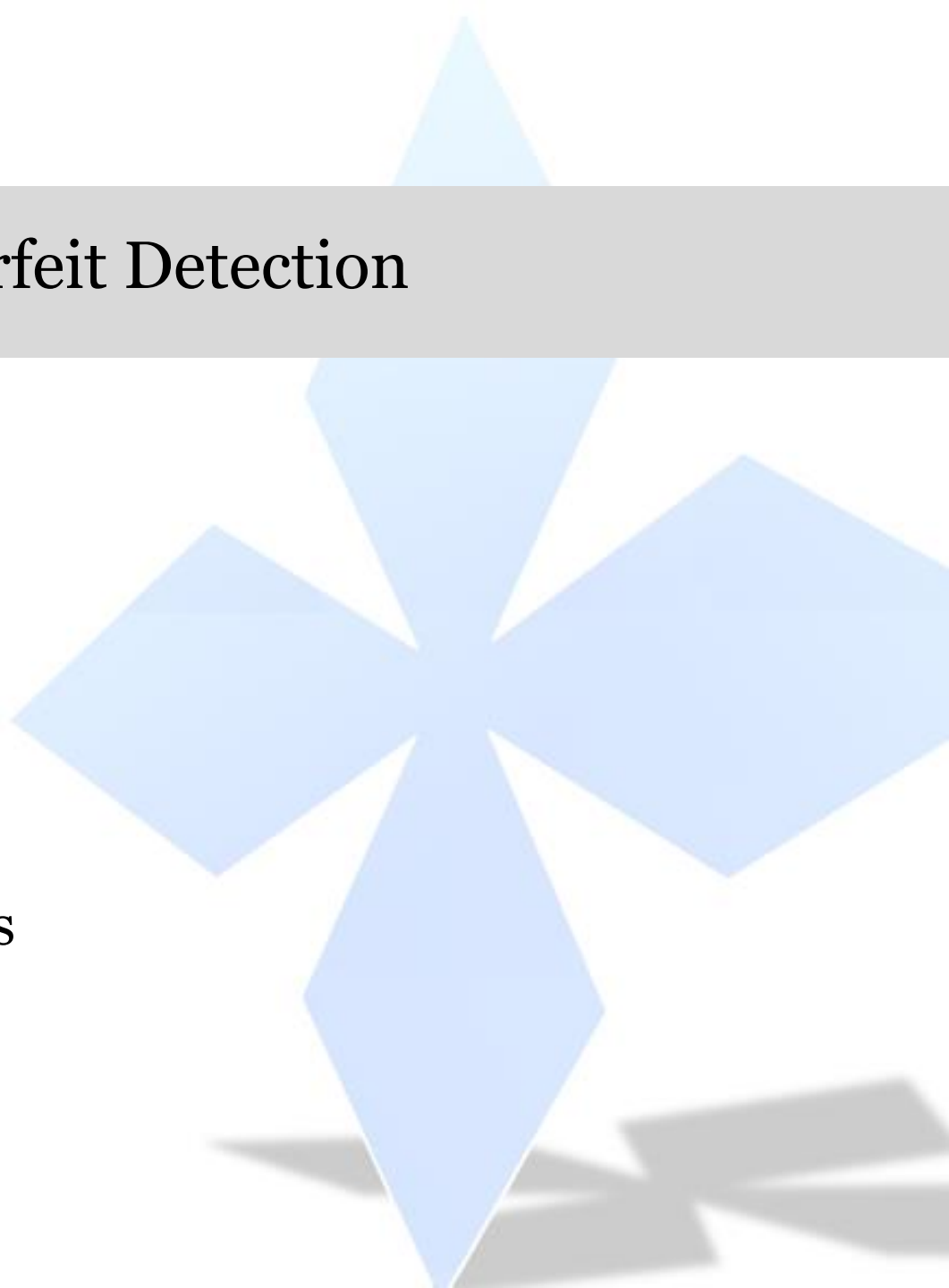
- ❖ Training (awareness)
- ❖ Obsolescence program
  - ❖ Reactive
  - ❖ Proactive
  - ❖ Monitoring



# Counterfeit Detection

## *Programs*

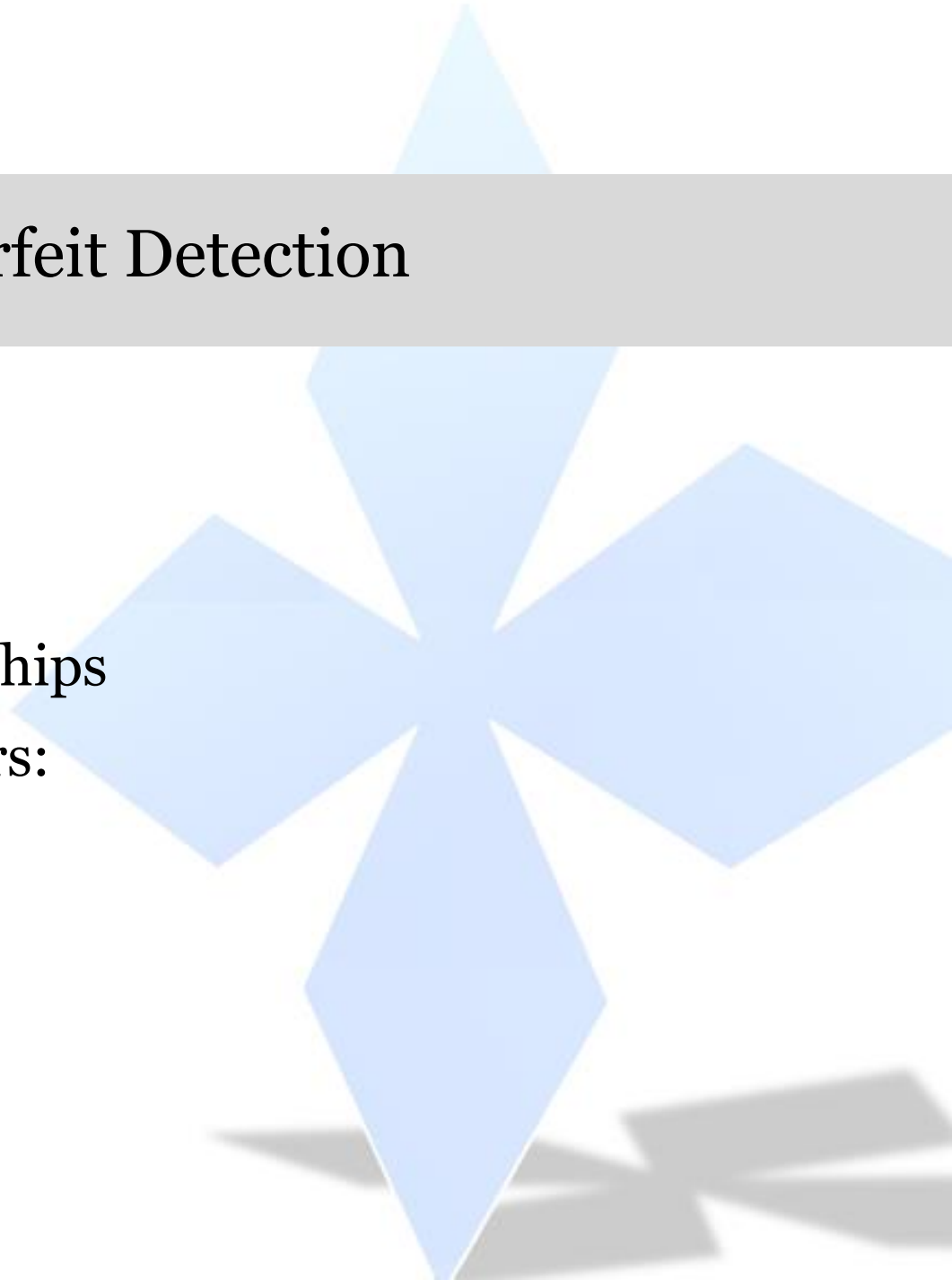
- ❖ DFAR Requirements
- ❖ Define counterfeit plan specifics
- ❖ Keeping up with changes



# Counterfeit Detection

## *Programs*

- ❖ OEM Supplier Relationships
- ❖ Independent Distributors:  
Beyond Certifications &  
Capabilities
  - ❖ Partnership
  - ❖ Information Sharing



Questions?

***Thank You!***

