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Unmanned IPV Insurance Concerns

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ROADX
ACCELERATING TECHNOLOGY

- ❑ Avalanche Mitigation
- ❑ Unmanned Aerial Vehicles
- ❑ Smart Roads
- ❑ Smart Cars
- ❑ Smart Work Zones
- ✓ Unmanned Mobile Attenuator

All are related and the risks are evolving

Emerging Technologies

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Evaluate Risks

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Is the Vehicle insured for damage to the unit itself?

- ❑ Theft, fire, accident…
- ❑ Does the policy allow for replacement cost or actual cash value?
- ❑ Does the policy cover the “technology” of the unit – software, updates, loss of use, items permanently installed, etc?

Property Damage

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- ❑ Distraction of people on the road causing damage or injury
- ❑ Accident with others on the road causing damage or injury
- ❑ Accident with your other units (or people)
- ❑ Misuse by employees
  - ✓ Training Requirements
  - ✓ Fitness for Duty
  - ✓ Authorized Users/Tasks
  - ✓ Avoid negligent entrustment/retainage
  - ✓ Regular/preventive maintenance – software?
- ❑ State Laws – Colorado had to write one
- ❑ Fail Safe System: signal interference, use in bad weather, loss of power, hacking, product/software issues

Liability Risks

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- ❑ Does your State have governmental immunity?
- ❑ Does that immunity address unmanned vehicles
  Colorado law states a vehicle must be driven by a “State employee”
- ❑ Is your State self-insured?
- ❑ If there is an insurance policy, does the carrier want certain requirements met?
- ❑ Review the activities and program with your broker and/or carrier – are there exclusions, coverage gaps or overlaps (auto/GL/products completed). Read the fine print!
- ❑ Indemnification from the software designer/manufacturer
- ❑ What does the ongoing support look like from the software company?

Fines and punitive damages are not insurable – know the risk!

Liability Coverage

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- Auto Liability – the lead vehicle, the tethered vehicle
- Terrorism – foreign/domestic
- Cyber Coverage – hacking, what information is stored, etc.
  Protection of Proprietary Property
- Products Liability – seek indemnification from the software company – move away from the auto liability
- Professional Liability – engineering

Other Coverage

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Loss Prevention Tips

- ❑ Roles and responsibilities – many players – government and private parties
- ❑ Develop protocols and safety programs – and follow them!
- ❑ Training/Retraining, Safety, Emergency Response
- ❑ Accident Review Board – lessons learned and update protocols if necessary
- ❑ Testing documentation and videos – keep these!
- ❑ Document, document, document

Loss Prevention

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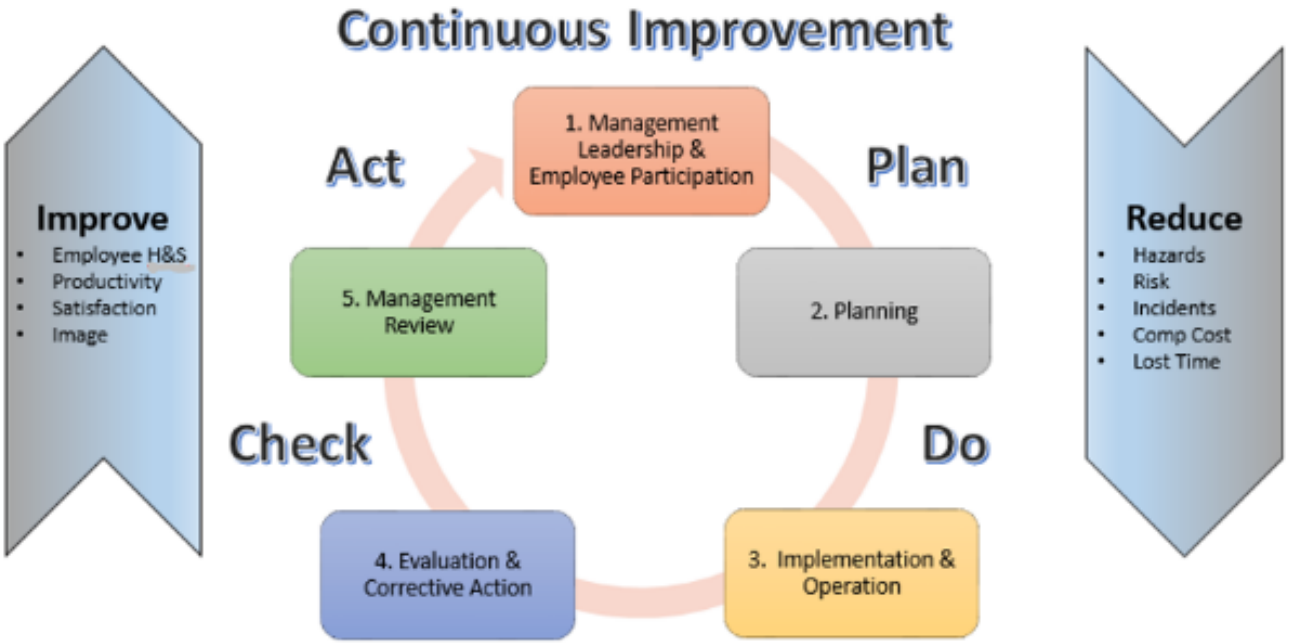
This is a quickly changing environment, stay current and strive to be accident free!



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Questions?

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