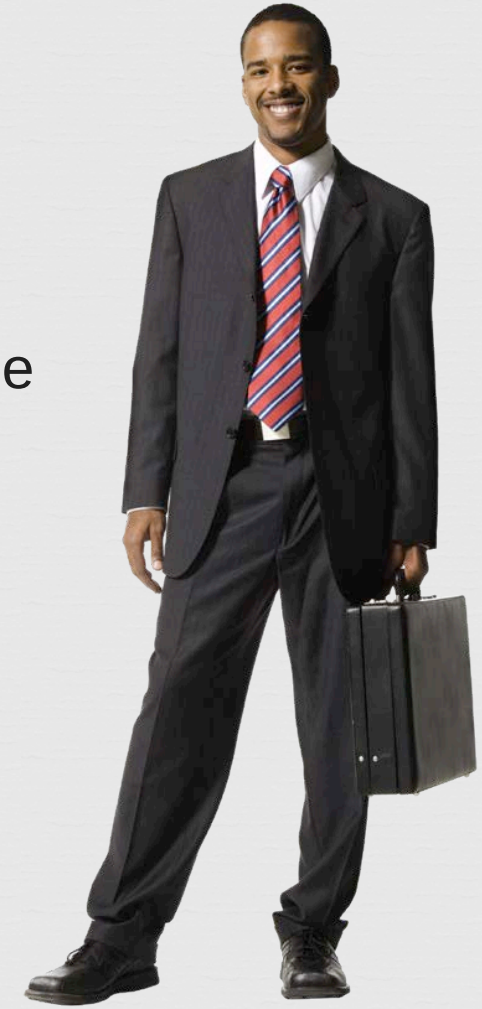
The Motorist Advisory and Warning Application
Sheldon Drobot, PhD, MBA
Stakeholder Meeting 2013

Ivan and Jack

- Winter
- Two successful businessmen living in Boulder
- Both are up for the same job in Denver
- The night before, the weather looks troubling



© NCAR 2013

Jack looks at the TV forecast

© NCAR 2013

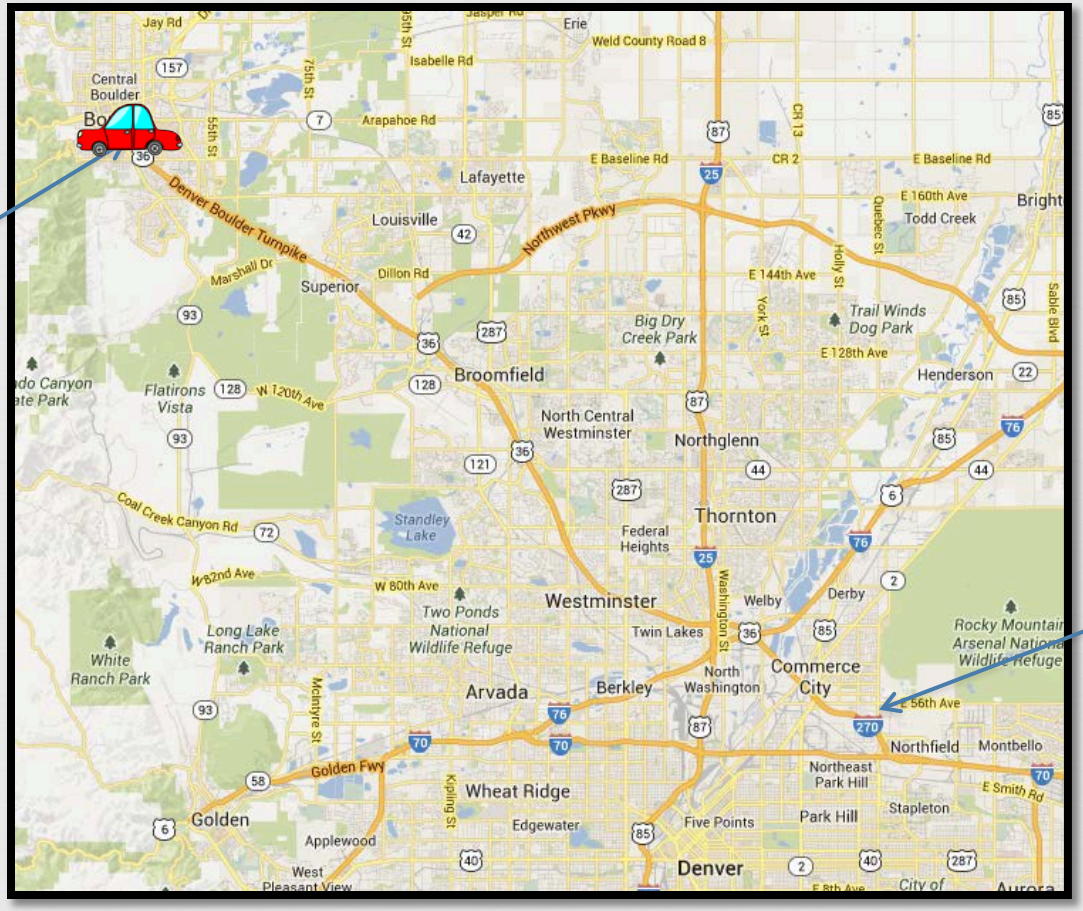
Jack is stuck in bad traffic

- Jack is late for his interview

© NCAR 2013

Ivan plans his route

Start

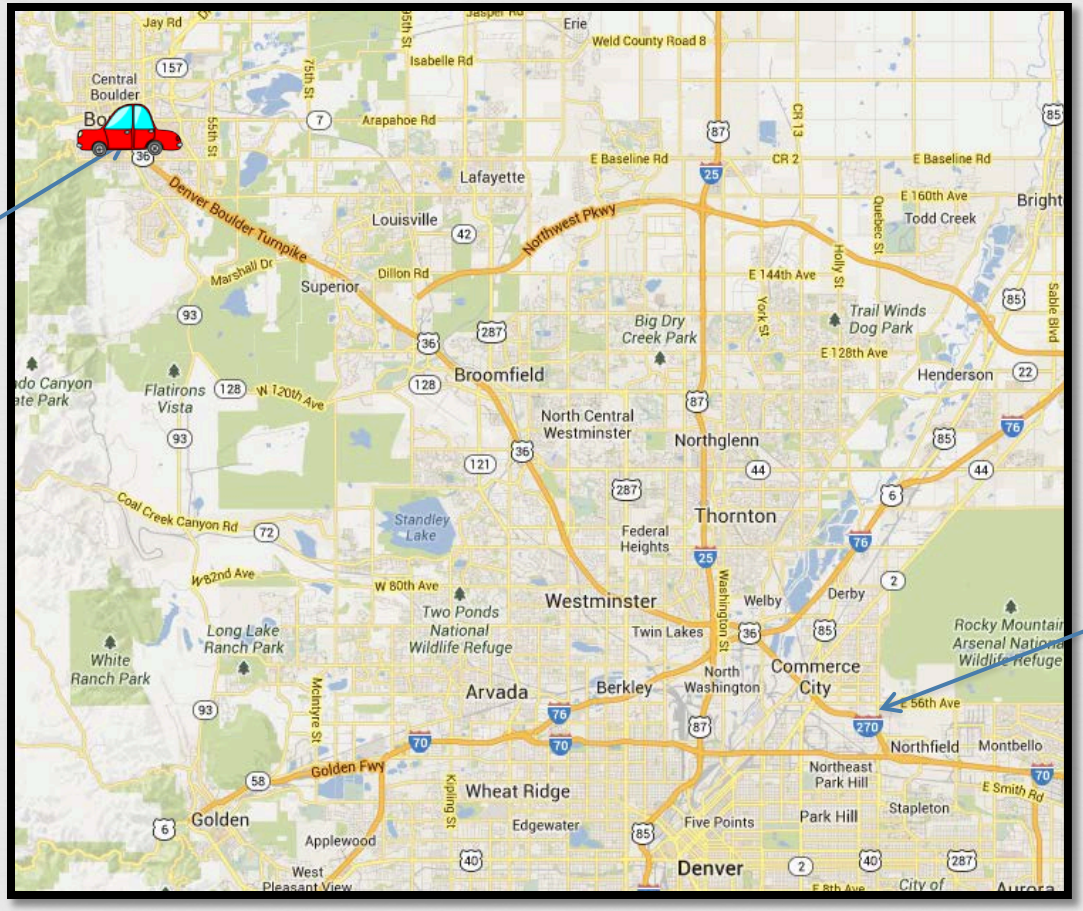


End

© NCAR 2013

Ivan plans his route

Start



End

© NCAR 2013

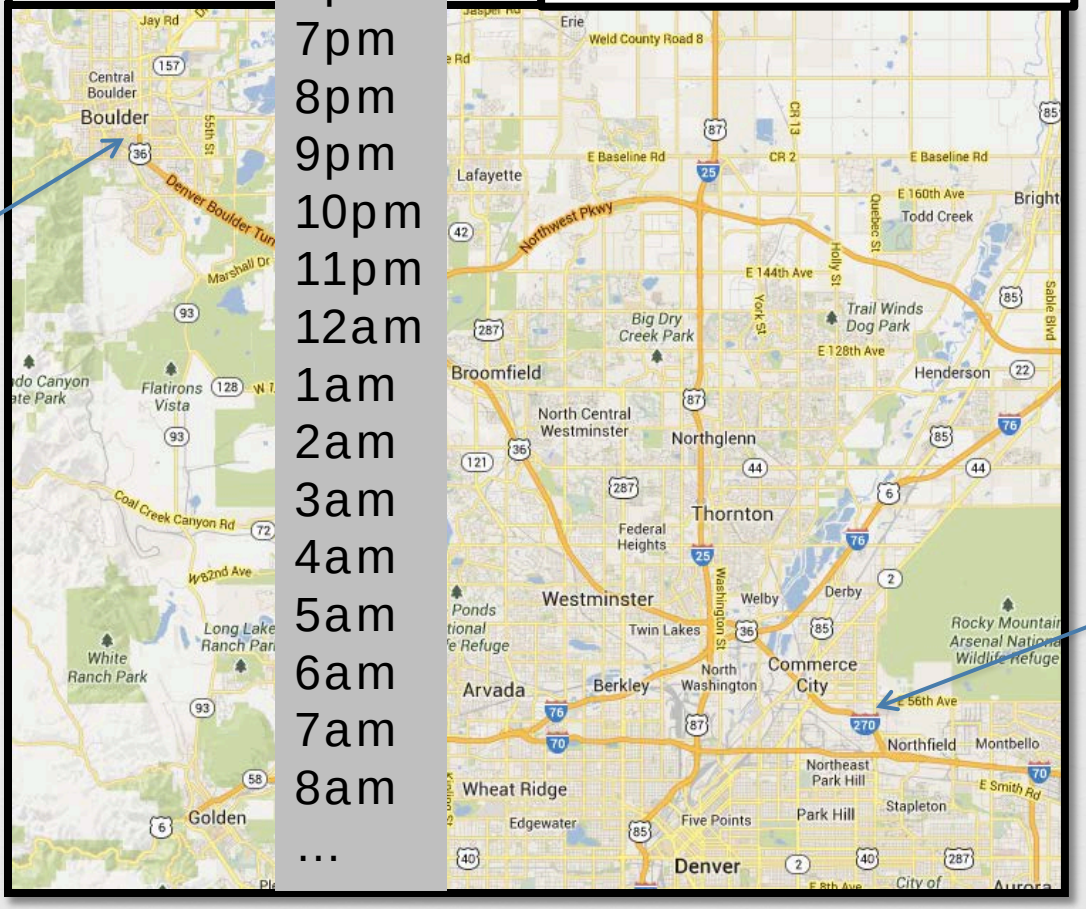
Ivan checks the MAW forecast

Start

Start time:

End time:

6pm
7pm
8pm
9pm
10pm
11pm
12am
1am
2am
3am
4am
5am
6am
7am
8am
...



End

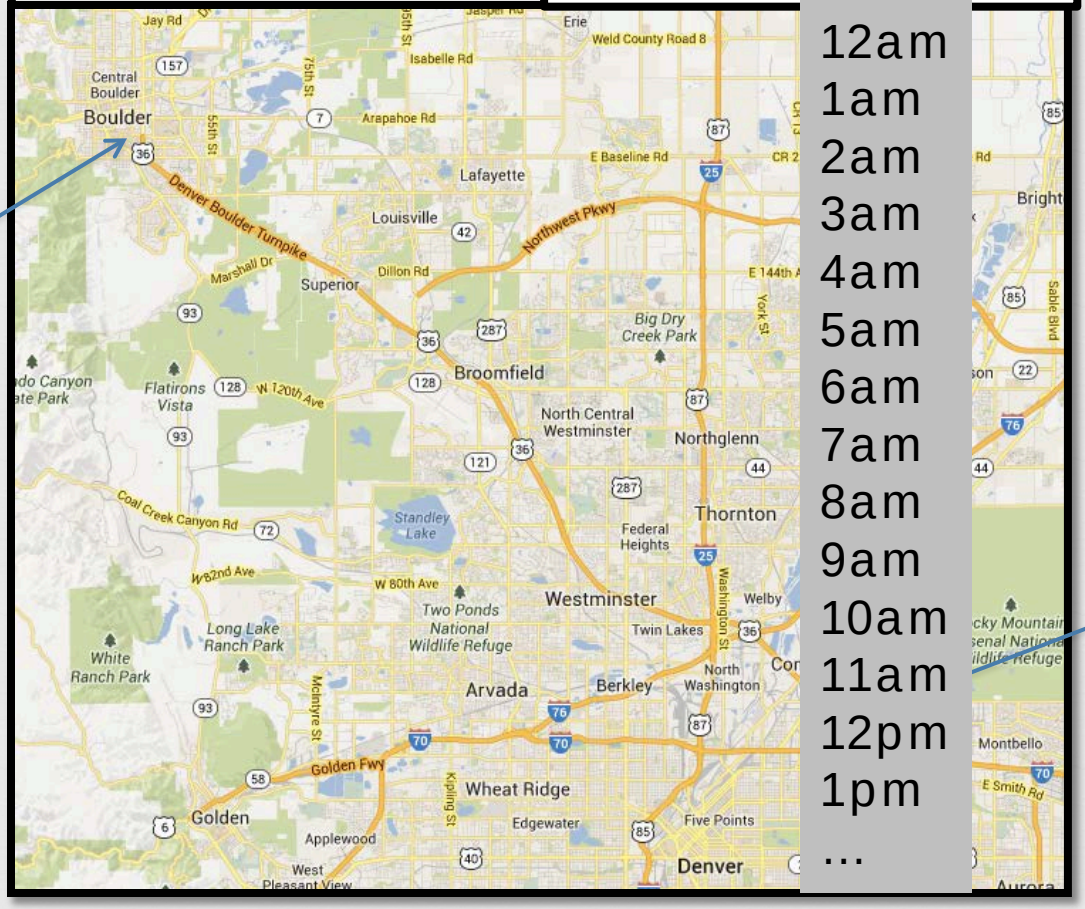
© NCAR 2013

Ivan checks the MAW forecast

Start

Start time: 6pm

End time:



...
12am
1am
2am
3am
4am
5am
6am
7am
8am
9am
10am
11am
12pm
1pm
...

End

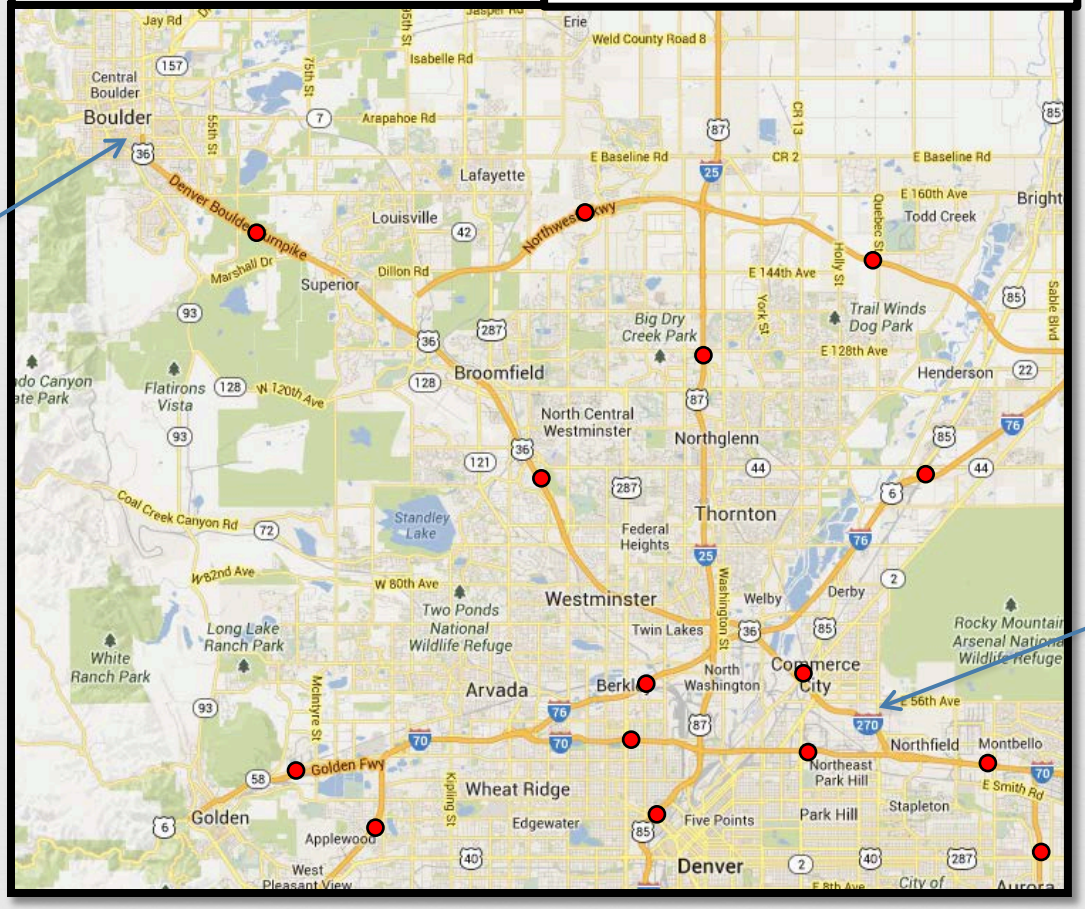
© NCAR 2013

Ivan checks the MAW forecast

Start

Start time: 6pm

End time: 12pm



End

© NCAR 2013

Site List View - Basic

US-36 between NW Parkway and I-25		
6pm		No advisories
7pm		No advisories
8pm		No advisories
9pm		No advisories
10pm		No advisories
11pm		No advisories
12am		No advisories
1am		**Yellow Advisory**: Slick roads
2am		**Yellow Advisory**: Slick roads
3am		**Yellow Advisory**: Slick roads
4am		**Yellow Advisory**: Slick roads
5am		**Red Warning**: Slick roads and low visibility
6am		**Red Warning**: Slick roads and low visibility
7am		**Red Warning**: Slick roads and low visibility

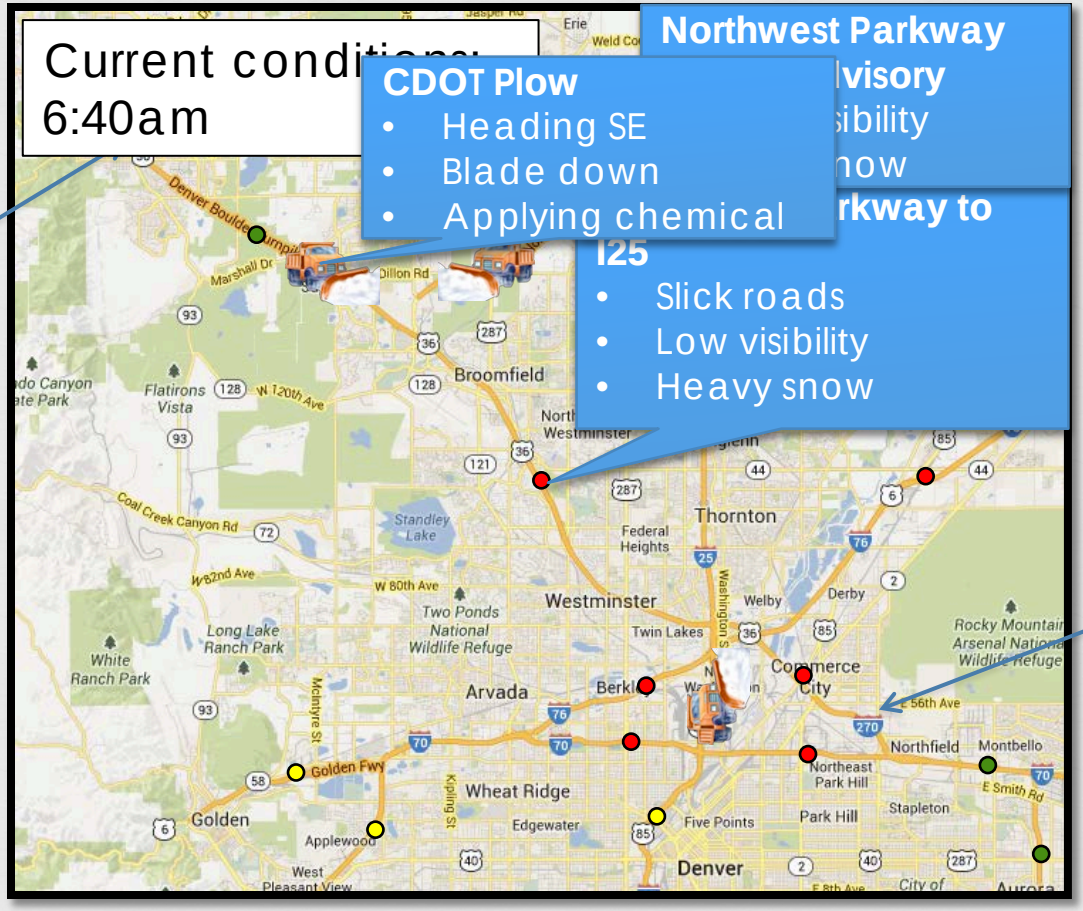
Site List View - Advanced

US-36 between NW Parkway and I-25
From 6pm Tuesday through 12pm Wednesday...
...The VDT suggests yellow advisory conditions will begin at 1am, due to slick roads. Red warning conditions will begin at 5am, due to slick roads and low visibility. ...Drivers are urged to use extreme caution. Maintain travel speeds below 30 mph. Delay travel if possible; conditions will improve in the afternoon hours.

© NCAR 2013

Ivan checks the MAW conditions

Start



End

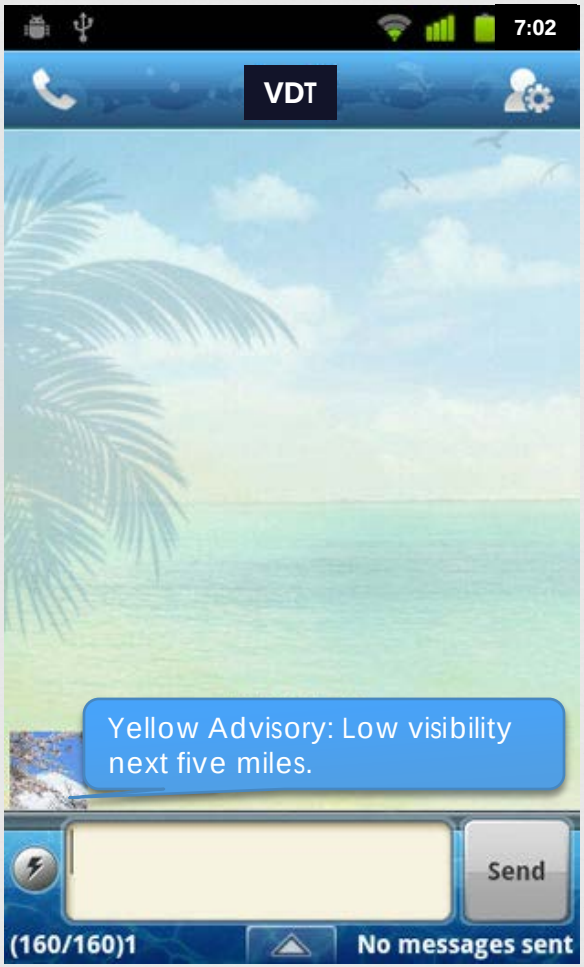
© NCAR 2013

On the road

- Ivan can see directly in front of him

© NCAR 2013

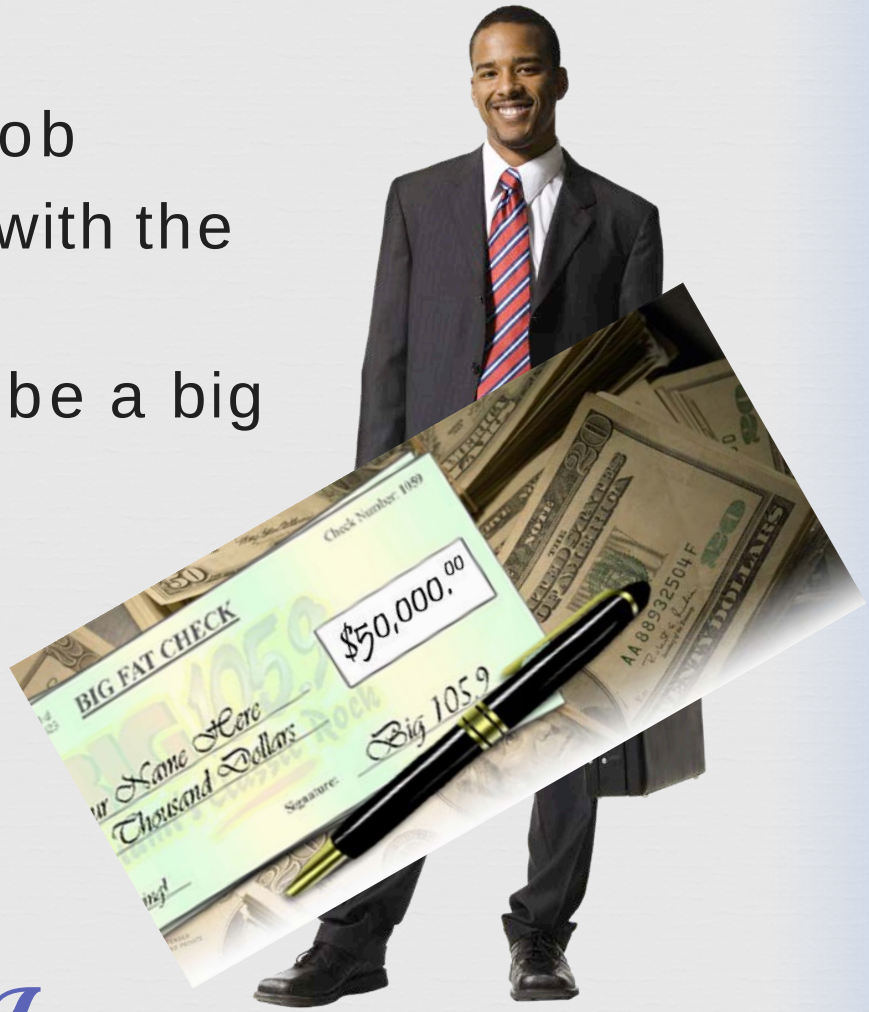
Situational awareness



© NCAR 2013

Back to Ivan and Jack

- Ivan gets the job
- Ivan is happy with the MAW
- Ivan writes Gabe a big fat check



© NCAR 2013

Questions

- Contact
  - Sheldon Drobot
  - drobot@ucar.edu
  - 303.497.2705

© NCAR 2013