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SAMATERS!

Using Situational Awareness to Enhance Leadership Decision Making

> Dr. Richard B. Gasaway Fire Chief (ret.) St. Paul, Minnesota USA



Situational awareness

Your ability to **PERCEIVE**

AND UNDERSTAND

What is happening around you...

while being mindful of how time is passing.

And then

Being able to accurately **PREDICT** future events...

In time to avoid bad outcomes.



Let's build a house.



Perception

Using your five senses to capture information... (clues and cues) about what is happening.

- I pay attention!
- I keep my head on a swivel.
- I look up, down, and all around.
- I actively listen.
- I size-up the situation.



Perception...

is the easiest part of the situational awareness process.



Conscious

Alert

Oriented

Scanning Your Environment



Not so fast! There's problem.

Actually, there are 5 problems.



It's not always OBVIOUS or INTUITIVE as to what you SHOULD be paying attention to.



Just because something is INTERESTING, does not mean it is IMPORTANT.



You can go HEAD'S DOWN on a task/problem and miss the BIG PICTURE.



Two people

Can look at the same problem... At the same time... And see things differently.



Even when you are COMPLETELY paying attention, you will not see, hear, and understand EVERYTHING.



Understanding

Making sense out of what you: See, hear, feel, taste & smell

Comprehension

Moment of clarity



Be inquisitive.



What does this mean?

What is the deeper meaning of what I am seeing/hearing?



"Is this what I expected?"



Expectations can be good and bad.



Mind's Eye



Flawed Perception of Reality



The destination of your jigsaw puzzle pieces.



Memory Recall



Long Term Memory



The capacity of long-term memory:

10 times all the information on the Internet.



You can only consciously access:

5% of your long-term memory data base.



Memory Recall

Can trigger the 6th sense.



Intuition

Knowing...

Without knowing... How you know.



How do you know? If you don't know...

How you know?



Intuition is the feeling of knowledge.



Hair stands up on the back of your neck.

Voices in your head talk to you.



You get a gut feeling.



Your Red Flag Warning System



31



95%

5%

Subconscious Memory

Conscious Memory





Prediction

Being able to anticipate future events before they happen.



Prediction

Begin... with the end in mind.



Objective Target Goal Benchmark



Where is this situation headed?



This question forces you to think about the future.



How long is it going to take for an undesirable outcome to occur?







Setting Expectations



Can I change the outcome?



Don't get in the way of outcomes you cannot change.

If you do...

You will become a victim of the outcome.



Are the conditions right to take an action?

Prediction



Do I have the right resources/support?



Multiple Awarenesses

- 1. Personal
- 2. Advocate
- 3. Adversary
- 4. Problem/opportunity
- 5. Shared



Can I get ahead of this unfolding situation?

Precipion

Can I operate faster than conditions are changing?



Can I operate faster than...





How much time do I have?



Situational Awareness Development Process





Gather information:

Look + listen + smell + feel + taste



Understanding

Assemble your puzzle pieces.

Search your memory database for solutions.

You may get some help from intuition.



Make a decision

A decision is a choice from at least TWO options. For example: Fix the problem. Do nothing.



After you make your decision





After you make your decision... Pause Make a prediction

Visualize the outcomes of your decision option prior to implementation.



Use predictions to drive actions

If the predicted outcome of your Plan A is good:

Implement Plan A.



Use predictions to drive actions

If the predicted outcome of Plan A is bad:

Consider Plan B or Plan C...D...

Or consider doing nothing.



If you are interested in scheduling a program, please contact us at:

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SAMALERS.COM

How Smart Workers Use

To Improve Safety

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Helping individuals & teams see the bad things coming... in time to avoid bad outcomes.