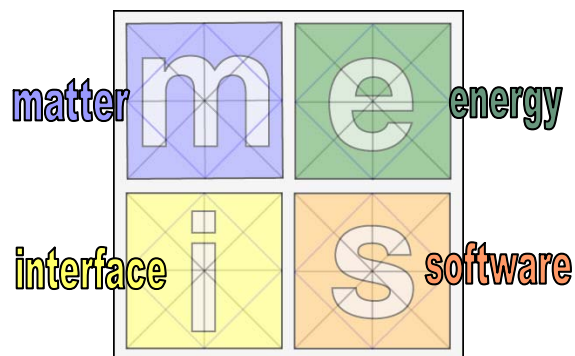


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Avoiding Disasters



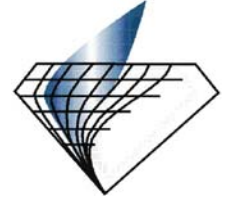
Systemkey

SEMI-tool

“One of the 60 most promising
technologies for 2010”

IDG/NetworkWorld

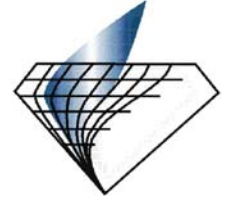
4 Keys to Solution



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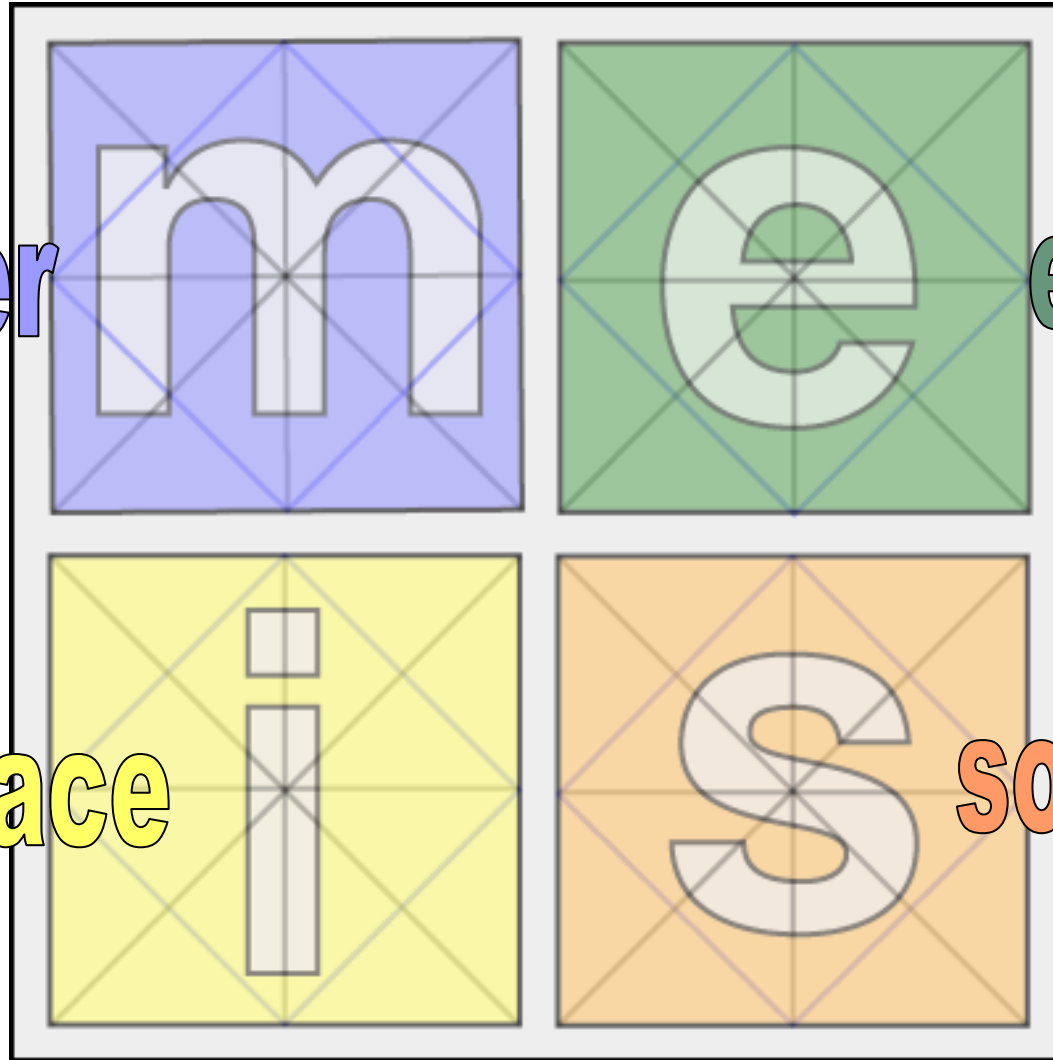
- Creativity
- Innovation
- Entrepreneurship
- Foresight

Better Question Set



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matter

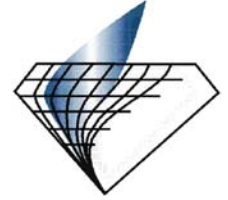


energy

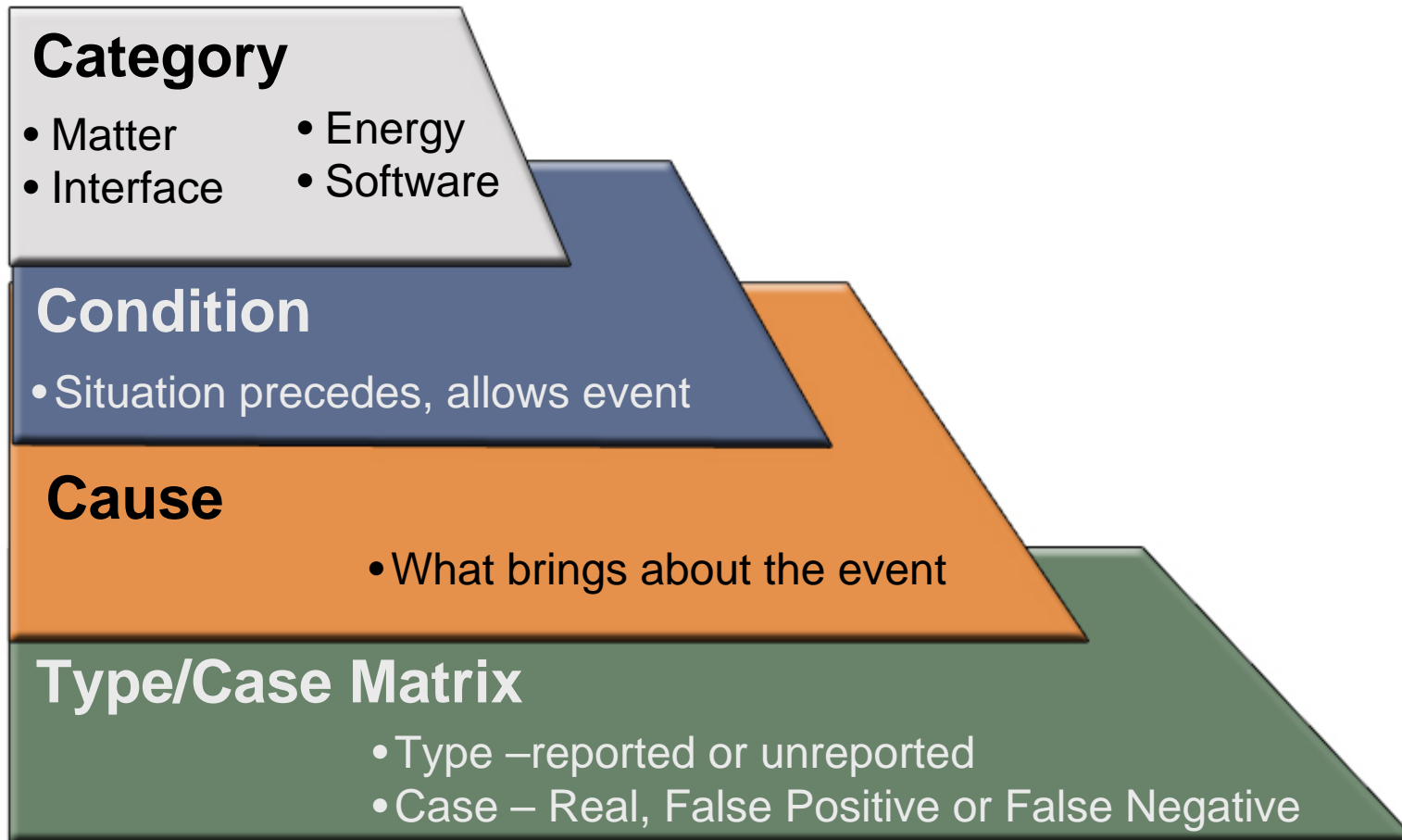
interface

software

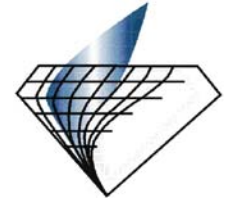
Innovation Framework



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Decision Summaries



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- Pull-downs remove ambiguity

Transmission Design	
25	reactive properties positioning
	Real Reported underlimit eTD[25]*rprop [[posn]r-r(-)
Movement Rotational	
45	hip/ procedure noise
	78 Real Incorrectly Repo overlimit mMRO _z [45]*Pr[dB-78]r-n(-)

Angle [specify]

Z(yaw)

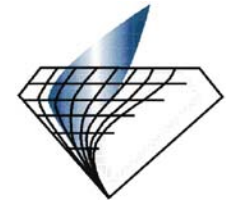
Translational/Rotational Terms

Y: Sway/Pitch

X: Surge/Roll

Z: Heave/Yaw

No Horse-trading

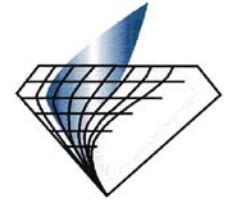


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- Auditable Detail
- Transparent process

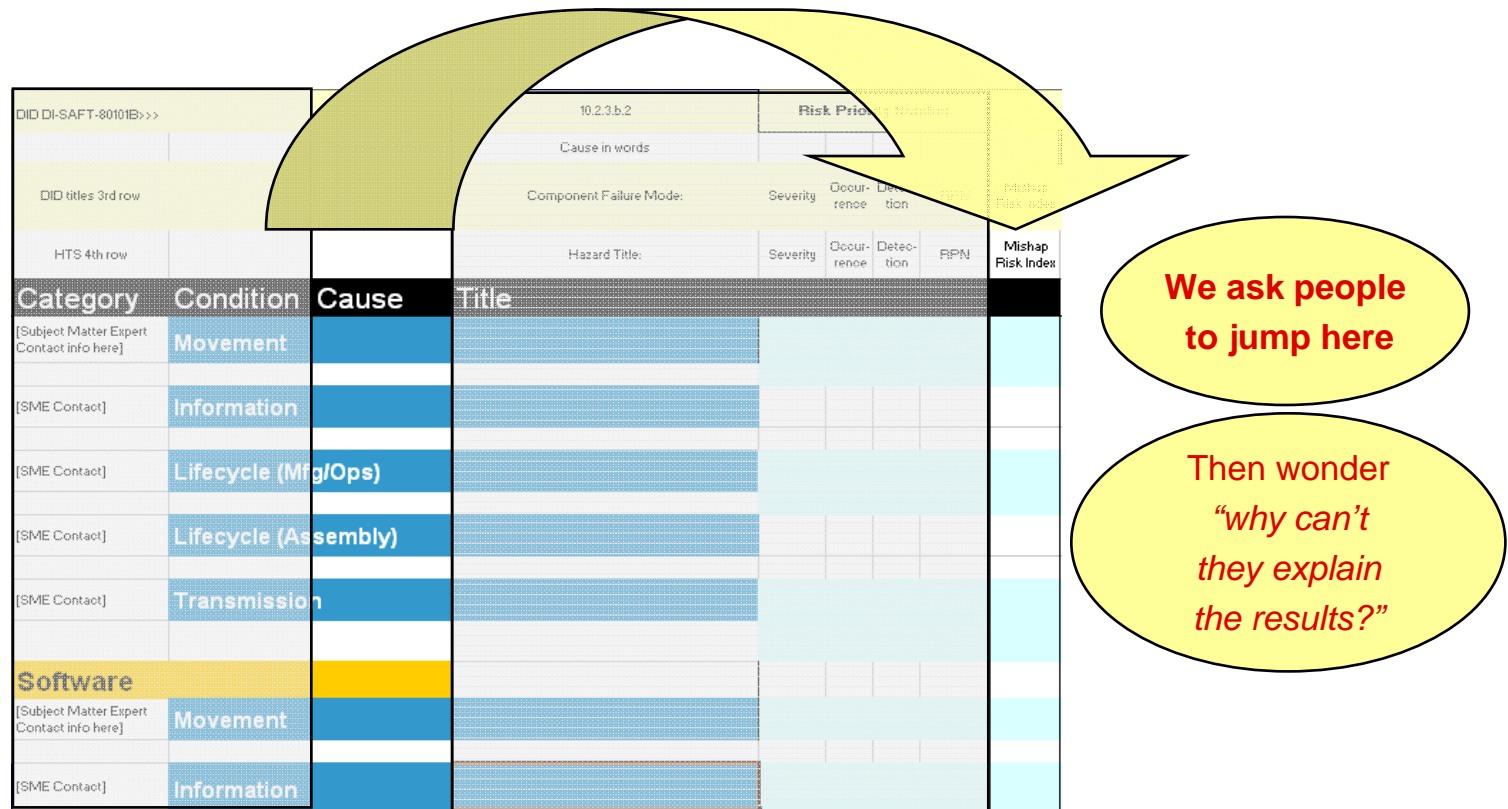
<input type="button" value="Restore Auto Processing"/> <input type="button" value="Process entered data"/> <input type="button" value="Show Diagrams"/> <input type="button" value="Clear all data"/> <input type="button" value="Export Data to Word"/>		Dot-prod % (Enter % contrib to haz result)	Complete?	RPII	Mishap Risk Index			
Group	#1 - Enter Hazard Title. #2 - For Constituent Hazards, enter title and set shared to yes Enter sub hazards here	Severit e	Occurrenc e	Detectio n				
1	Personnel fail to respond to process alarm	7	7	7	343	III-B		
1.1	Alarm acoustic signature is masked by other mach	8	9	9	60%	No	648	II-A
1.2	Staff fail to hear high temperature warning alarm from greenhouse	8	4	5	15%	No	160	II-D
1.3	Alarm too soft for desired range	3	3	5	3%	No	45	IV-D
1.4	Process sequence puts staff out of range at surve	3	5	3	15%	No	45	IV-C
1.5	Staff hearing loss due to prior work w/o hearing pro	7	3	9	7%	Yes	189	III-D

Context + Structure

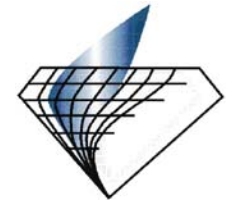


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- Traditional methods aren't invalid, just insufficient



Systemkey™ unlocks better ideasSM



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■ Talk

- *Structured conversations*

■ Scribe

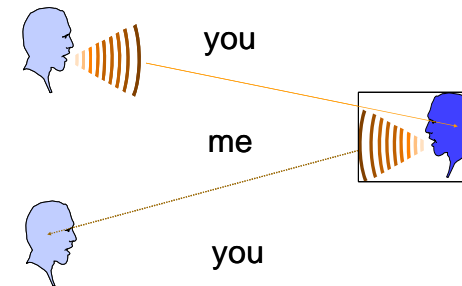
- *Enter results*

■ Rank

- *Risk Priority Number*

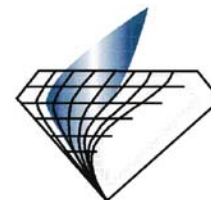
■ Record

- *Pull-down menus create decision summaries*



Severity	Occurrence	Detection	Dot-prod % (Enter % contrib to haz result)	Complete?	RPN	Mishap Risk Index
2	6	8			96	IV-C
3	5	5			75	IV-C
1	3	3			9	IV-D
3	5	6			90	IV-C
3	5	8	17%		120	IV-C
5	2	2	17%		20	IV-D
3	7	8	17%		168	IV-B
3	7	6	17%		126	IV-B
3	7	6	17%		126	IV-B
1	4	6	17%	Yes	24	IV-C

Transmission	Design	Angle [specify]	reactive	properties	positioning	Real Reported	underlimit	eTD[25]*rprop [][soos]-r(-)
		25						
Movement	Rotational	Z(yaw)	45	hip/	procedure	noise	78	Real Incorrectly Repo overlimit



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Questions?

Thank you for your time!

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