

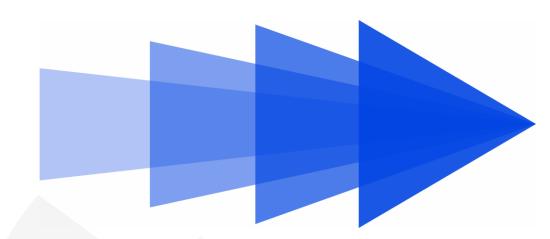
Automation for Operational Simulations How we improved the quality of our simulations

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We will talk about...



- Why is automation important
- How can we do it
- What are the benefits
- Where are we heading

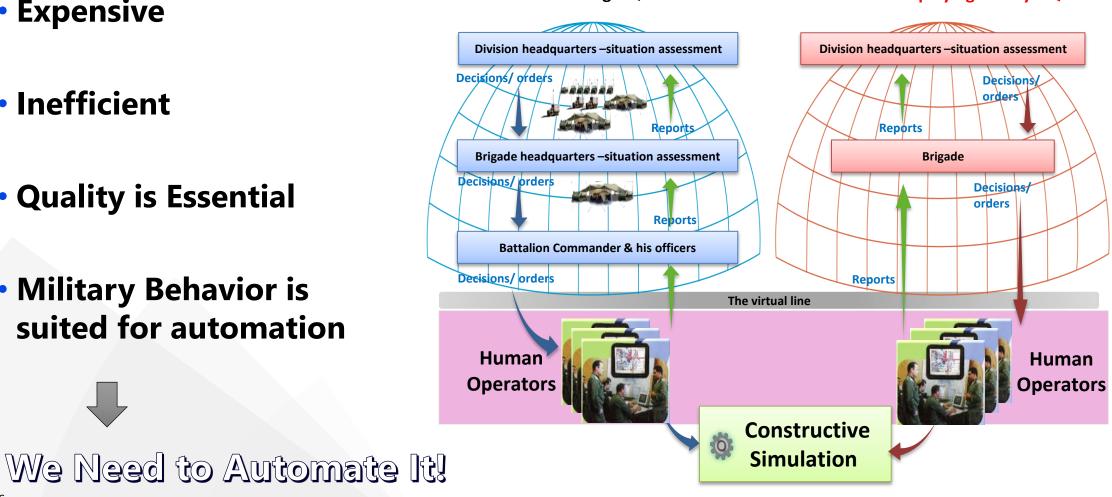


Directorate playing Enemy HQ

Typical Headquarters Training

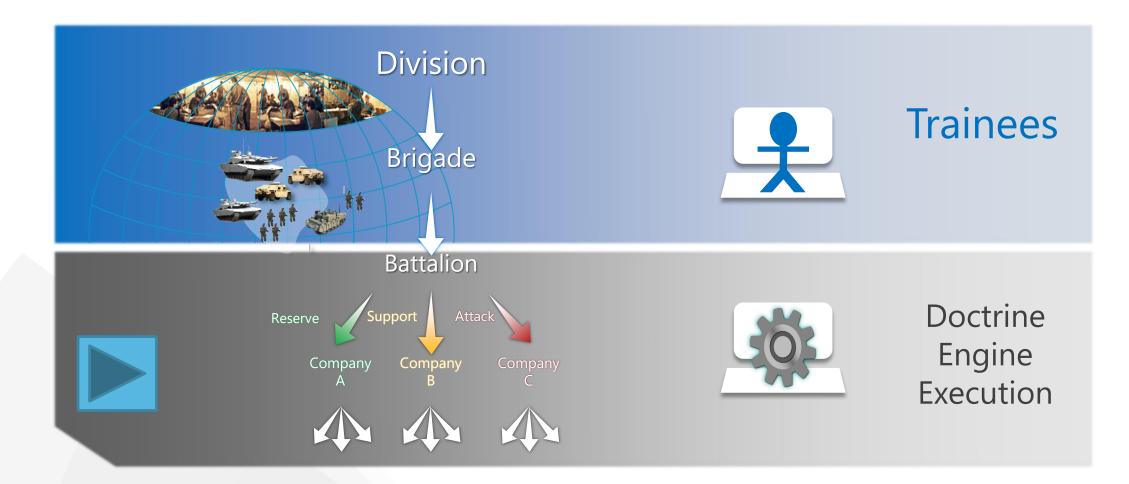
Training HQ

- Expensive
- Inefficient
- Quality is Essential
- Military Behavior is suited for automation





Doctrine Engine in Action





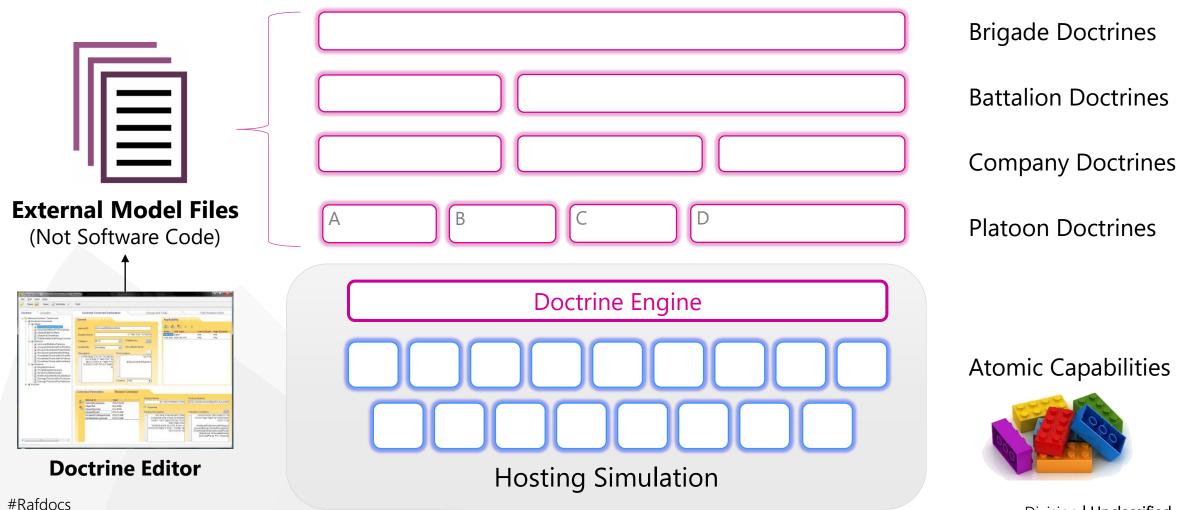
zeniyne zegek						Sector boundaries	3	11 3	11 120	1111	114	
zeniyn	ueaiy	Phase A - Assault preparation	Phase B - To target site	Phase C - On target	Phase D - Prepare to continue	11:726162/3:705018 11:726056/3:702656	- Chart	21		NVX	201	(1)
Assault	 P I Company : A I M1A1 : 1 I M1A1 : 2 I M1A1 : 3 I A.P.C M-113 A.P.C M-113 	Move to assembly area	Move on the hidden path to the preparation point before the assault. Checking forces relation with the enemy forces before the assault and if needed using the reserve to reinforce or stop the assault (given permission).		Move and assembly at the target site	11:731775/3:702231 Objective 11:729506/3:703406 11:730681/3:703906 Assembly area 11:726362/3:704225 11:727031/3:704687 Assault route (precisely)	Contraction of the second	35 %		36 CRIVATION B	HUGS G	M H H A ML
Fire Base	P I Company : B I M1A1 : 1 I M1A1 : 3	Movement to assembly area	Movement in hidden path to fire base position. When positioned open fire on the targets at site.	Fire on targets at destination site, keeping security range from assault forces.	movement and assembly at target site	Movement corridor Ex 11:729075/3:703650 11:731118/3:703675 S Fire base route Decoy route		1	1039	103	TLUE	R
Decoy	P I Company : C I M1A1 : 1 I M1A1 : 2 I M1A1 : 3 I A.P.C M-113	Movement to assembly area	Movement in exposed path towards the objectives up to position line. On arrival - fire launching on targets at the objectives.	Fire on targets at the objective while keeping safety range from the assault force.	Movement and deployment at the objective	< <hide plan<="" td=""><td>San Car</td><td></td><td>ANT</td><td>No.</td><td>Honoge</td><td>Au Contraction</td></hide>	San Car		ANT	No.	Honoge	Au Contraction
Reserve	- II M1A1 : 2	Movement to assembly area	Movement on a hidden path towards waiting position of the reserve force. If activated, movement on the shortest path towards the assault force.	If activated to assist the assault force, storming the targets till the edge of the objective and than scan backwords.	Movement and deployment at the objective		e0 e0 460	RAIL R	NIT *			111
Fire Support	P I Battery : ART		Fire on targets at the objectives	Fire on targets at the objectives	Cease fire		A Charles		67 100 THI			

Command execution time O In the future Right now 22:02 15.11.15









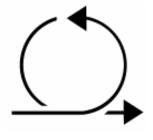
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Benefits of Using the Doctrine Engine







Agility





Confidentiality

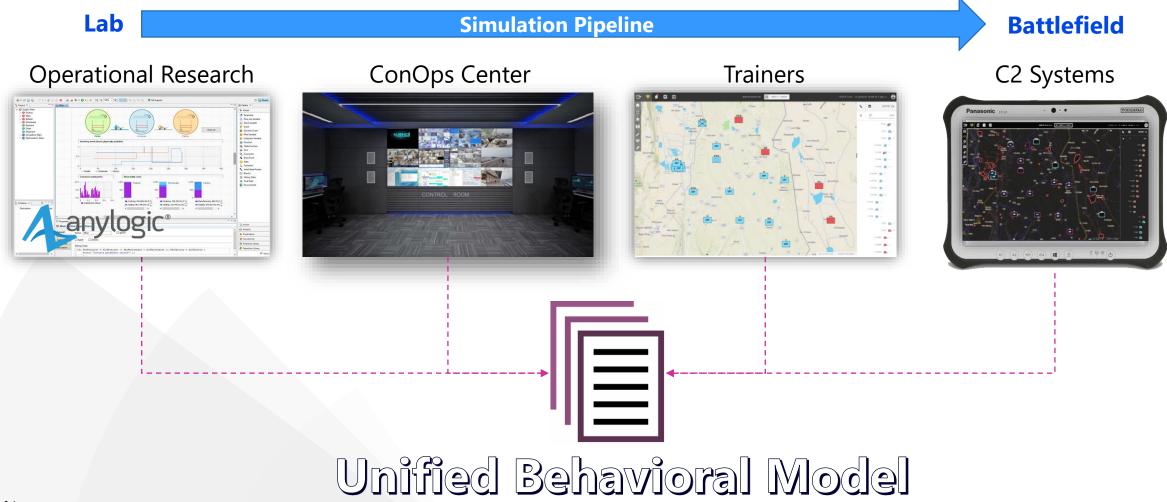


Minimize Vendor Lock

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From Lab to Battlefield



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Thank You

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