



# ONE PTC WINDCHILL PLM, INGERSOLL RAND'S SUCCESSFUL JOURNEY

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# OUR BRANDS



## Industrial Brands



**IR** Ingersoll Rand.



**ARO**



**Club Car**



## Climate Brands



**TRANE**



**THERMO KING**



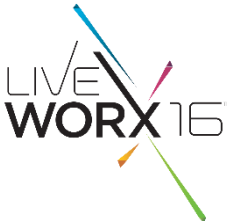
*American Standard*  
HEATING & AIR CONDITIONING



**NEXIA**  
HOME INTELLIGENCE



# INGERSOLL RAND PROFILE



“

Why?

”

Consolidated systems in **49**  
manufacturing locations across **11**  
countries and **4** continents into  
**One PLM**

“

Provide you with proven methodology  
of **consolidating** and **globally deploying**  
**One PLM** to achieve greater  
operational excellence and accelerate  
innovation

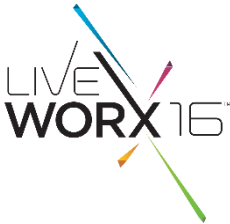
”

“

How?

”

# DEPLOYMENT METHODOLOGY



Stakeholder identification	Understand downstream process	Prepare to-be PLM process	Data analysis and cleanup	Process validation	End user training
Site visit agenda	As-is process mapping	Deployment strategy	Data migration process	User acceptance testing	Go-Live
Initial site data extract	Data mapping	Review data clean-up needs		Data validation	Stabilization
		Data migration strategy			



# JOURNEY TO ONE PLM



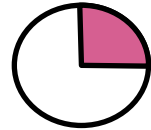
# JOURNEY TO ONE PLM

With each phase we improved on

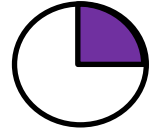
- **P**roject Management
- **B**usiness Engagement
- **P**rocesses and Tools
- **T**raining and Validation
- **S**tabilization



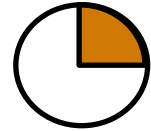
# JOURNEY: CRAWL STAGE



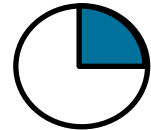
Informal project reviews



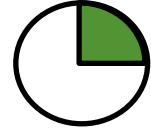
IT driven project



Deployment specific approach



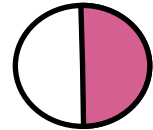
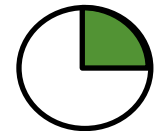
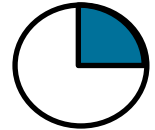
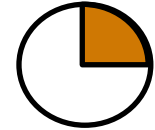
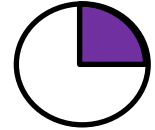
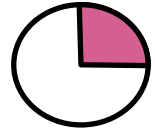
IT led training and validation



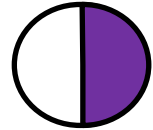
Reactive stabilization support



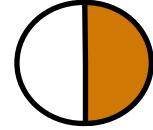
# JOURNEY: WALK STAGE



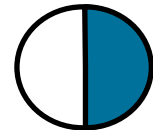
Formalized gate reviews



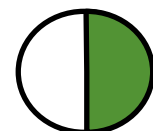
Key business leads engaged



Standard data extraction & migration template



End user training and validation led by business



Business led with support from IT

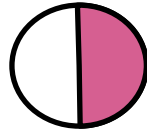
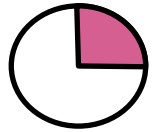


CRAWL

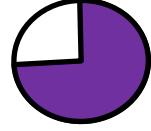
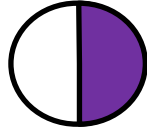
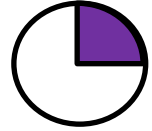


WALK

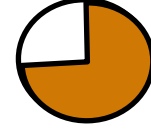
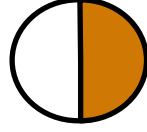
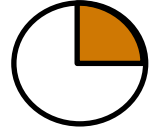
# JOURNEY: RUN STAGE



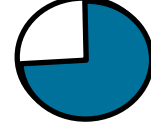
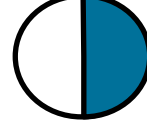
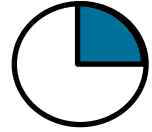
Dependencies among similar businesses identified



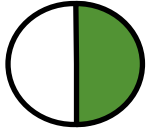
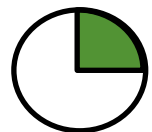
Execute steering committee



Standard data analysis and migration tools



Cross functional team for process validation



Dedicated stabilization phase



CRAWL

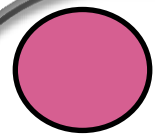
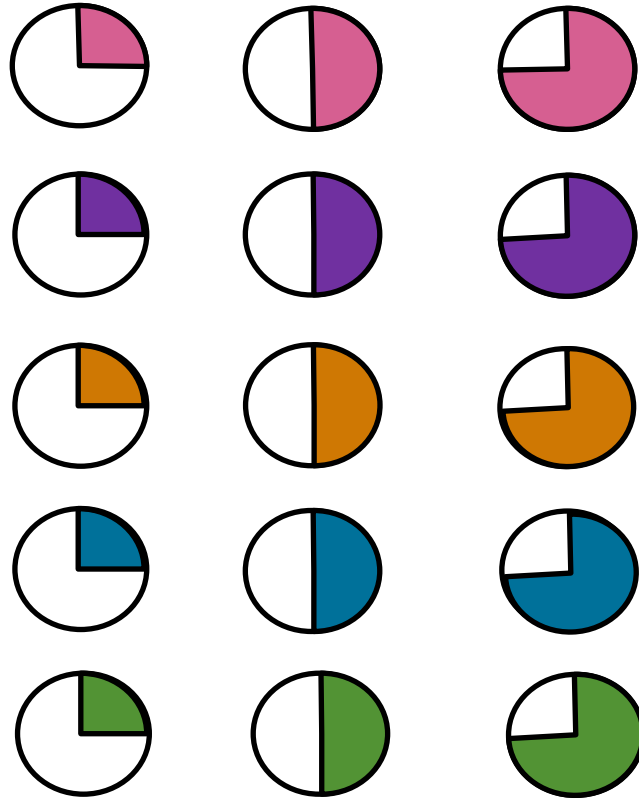


WALK

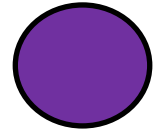


RUN

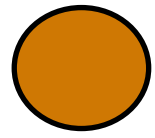
# JOURNEY: FLY STAGE



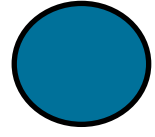
Weekly executive leadership updates, standard metrics



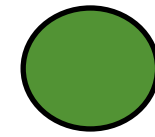
Milestones identified by business for all related sites



Automated analysis and migration tools

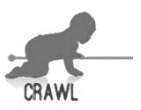


End-to-end downstream validation



Formal stabilization reviews, defined metrics

FLY





## Strengths







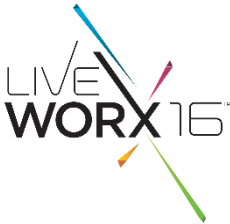
## Challenges



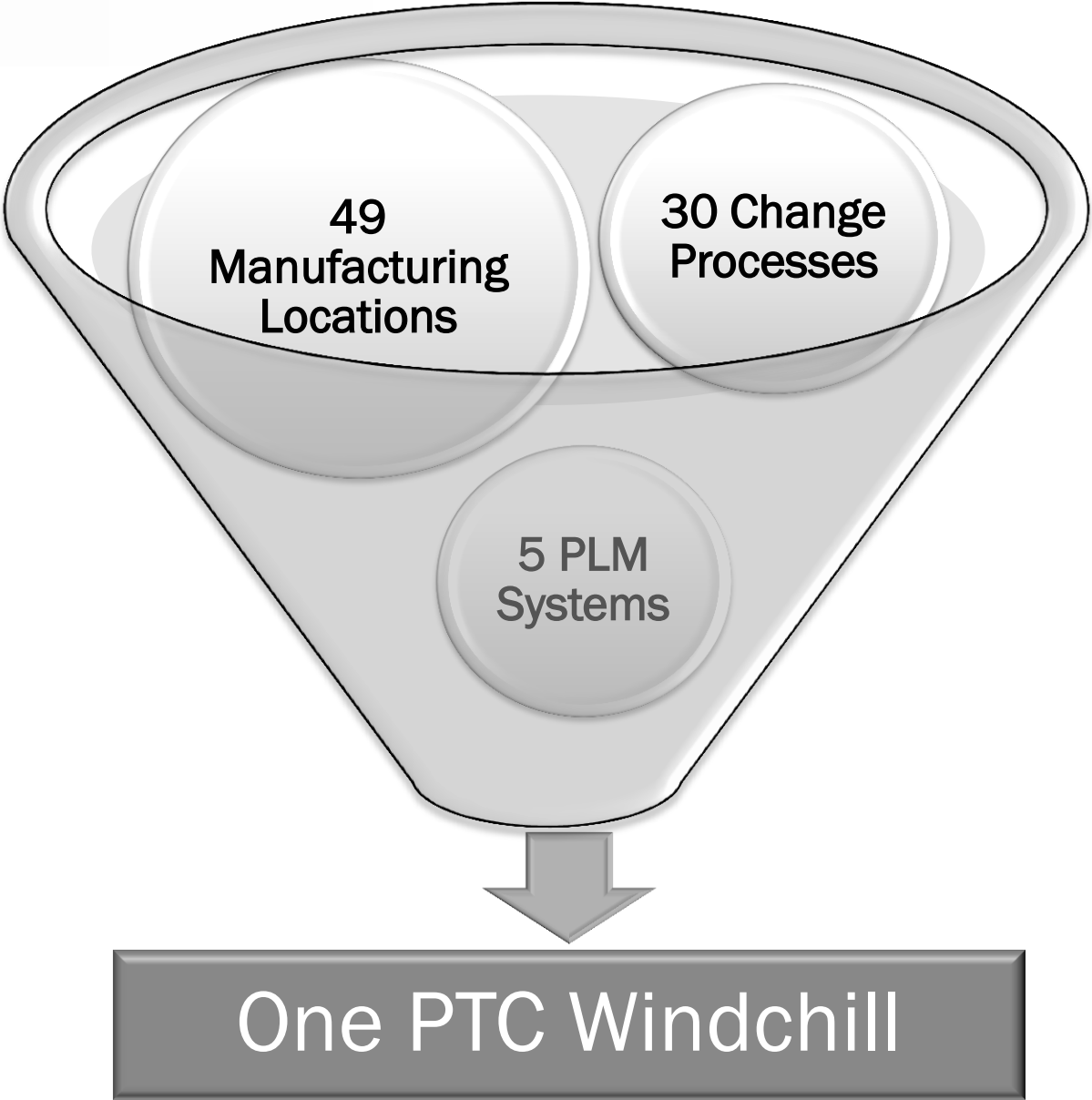
## Opportunities



# RESULTS



## REsults



“  
End  
Or  
Beginning?  
”

- Executive steering committee
- Metrics, metrics and metrics
- Standard and repeatable processes and tools
- Highly engaged and motivated team



## Contact Information:

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