



# CASE STUDY: **MSTR** TO **POWER BI** MIGRATION

**Nice**  
Software Solutions  
Enabling Data Driven Transformations

# OBJECTIVES

PILLARS	MILESTONE	SUCCESS CRITERIA
Product Migration	<ul style="list-style-type: none"><li>■ Replicate MSTR reports and dashboards in Power BI</li><li>■ Integrate Rig Cloud reports into Power BI applications</li><li>■ Automation of reports through email deliveries</li><li>■ Paginated reports developed to duplicate MSTR functionalities</li></ul>	<ul style="list-style-type: none"><li>■ Power BI applications developed for all reports with optimized performance</li><li>■ Self service data models provided for ad-hoc reporting</li><li>■ Alert reports subscribed to be sent through emails based on high risk incidents created</li><li>■ Implemented RLS for Rig Cloud reports</li></ul>

# PROJECT HIGHLIGHTS & CHALLENGES

- Custom group equivalent reports developed successfully
- Rig cloud reports consisting more than 300 pages developed and subscribed to be sent as pdf export to users
- Graphs with more than 10000 data points implemented
- Self serve data models with left outer joins on selective tables provided to the end users
- Direct queries in Power BI created to replace excel cubes used in MSTR reports
- Paginated reports created to replicate the export to HTML, PDF functionalities

# POTENTIAL BUSINESS IMPACTS

- Cost optimization in licensing, training and budget
- Reduced complexity where the end users can leverage the datasets to create ad-hoc reports easily
- Robust data models easing the addition of tables/views and report data in efficient way



# TECHNOLOGY STACK



Power BI



POWER BI  
REPORT BUILDER



Power  
Automate



ORACLE

For Cutting Edge  
Solutions to your  
**BUSINESS PROBLEMS -**

**GET IN  
TOUCH  
WITH  
US!**



**Nice**  
Software Solutions  
Enabling Data Driven Transformations