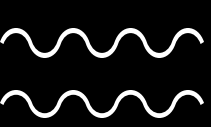


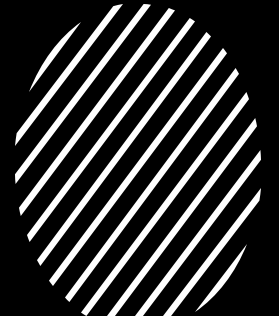
Preparing Industry for the S-100 Standard

Final Presentation

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Introduction



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- Submarine cables are
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- Transit100 standard by 2030 the S poses challenges.
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- Objectives: V-100 u a l i converter, and enhanced collaboration.

Problem Statement



- Current formats (KML / KMZ , spreads



- Lack of industry-100 conversion knowledge on S



- Cable damage risks due to imprecis



- Sensitive information needs secur



- Limited legislation requires proa

Solution Overview



Visualization Tool: Interactive mapping of cable paths and intersections.



S-100 Converter: Seamlessly transform data into S-100-compliant format.



User Feature: Route management

Demonstration

Showcases:

- Landing page.
- Converter with S-100 format generation.
- Visualizer highlighting cable paths and intersections.

Impact and Benefits

- Supports S-100 compliance, ensuring industry readiness.
- Prevents damage to critical infrastructure and reduces risks.
- Facilitates stakeholder collaboration and communication.
- Scalable solution adaptable to future requirements.

Future Scope

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- E n h a n c e m e n t s :
 - Improved automation and data validation.
 - Expanded stakeholder notification system.
 - B r o a d e r A p p l i c a t i o n s : I n t e g r a
other standards.
 - S i m p l e p r o t o t y p e : i m p r o v e p r o
infrastructure in the model

Conclusion



- S u m m a r y : A d d r e s s e d i n d u s t r y c
 - working converter
 - visualization tool
- L o t s o f i m p r o v e m e n t s c o u l d b e

Report

-
- S t r u c t u r e : 2
 - I n t r o d u c t i o n
 - motivational aspect
 - research gap --> problem statement
 - overview of chosen approach
 - R e l a t e d w o r k
 - M a t e r i a l s a n d m e t h o d s
 - converter and visualizer
 - R e s u l t s
 - D i s c u s s i o n
 - C o n c l u s i o n
 - F u t u r e w o r k