

INTRODUCTION TO NMS-GIS

WHAT IS NMS-GIS?

NMS-GIS combines the advantages of both NMS and GIS systems and is a powerful tool to assess the geographic vulnerabilities of cyber infrastructure.

NETWORK MANAGEMENT SYSTEMS (NMS)

Sophisticated software tools used for managing and maintaining the health of IT Networks.

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

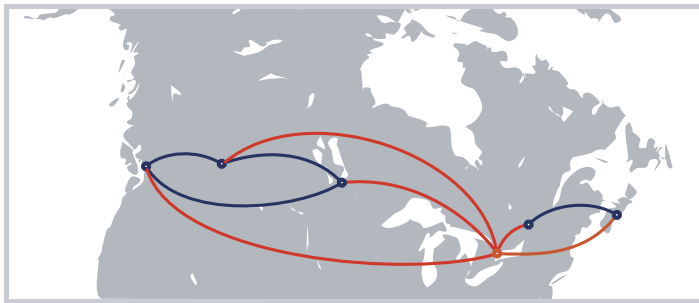
Advanced software tools capable of managing and integrating various types of information based on geographic locations.

WHY INTEGRATE NMS AND GIS?

In today's world, the protection and assurance of cyber infrastructure is not only vital for the economy but has been recognized internationally as a key component of efforts to ensure national security.

Cyber infrastructure encompassing computers, networks, the Internet, and the underlying software is vulnerable to physical threats and hazards. These threats can include natural hazards, human error and terrorist attacks.

There is a gap in our understanding, management, and analysis of the geographical aspects of cyber infrastructure assurance. By combining GIS capability with NMS tools, it is possible to bridge the gap.



WHAT ARE THE BENEFITS OF INTEGRATED NMS-GIS?

There are many benefits to an integrated NMS-GIS system.

For example, the discovery and visualization of a network may be overlaid onto a geographical map. It is then possible to monitor the network and display network faults with accurate geographical locations. Moreover, the vulnerability of cyber infrastructure to physical threats and hazards can be easily assessed.



For more information on
NMS-GIS please contact
Solana Networks:

Tel: (613) 596-2892
E-mail: info@solananetworks.com
Web: www.solananetworks.com