RADIO PHYSICAL NETWORK INVENTORY

For Open Radio Network Access Network

SIT Digital Introduction

o Engineering Competence Centre
o Consultant of consultants
o ESRI Silver Partner, Utility Network Specialized
o Market leader in Digital Solutions, Specialized in;
- Physical Network Inventory, Engineering & Consultancy
  Transmission, Metro, Access
- Geographic Information Systems (ESRI GIS)

Innovators

11 YEARS EXPERIENCE

Presenters

Raja Ijaz Haider
Principal Consultant / President
- Based in Saudi Arabia
- Subject matter expert for engineering designs
- Worked closely with 12 operators
- Served and supported in 9 countries

- Network trainer and technical documents writer
- 20+ years of fiber experience with 15 years of C-Level
- 500+ CEOs and CTOs active connections & collaborations
- Top of the pyramid thinker, advisor and decision maker
- 10+ billion USD budget control experience

Shawaz Ahmad
Consultant GIS & Design
- Based in Gujrat, Pakistan
- Subject matter expert for ESRI GIS
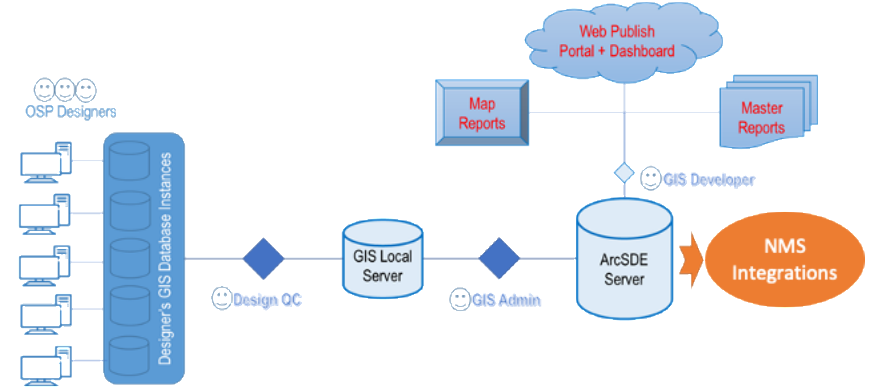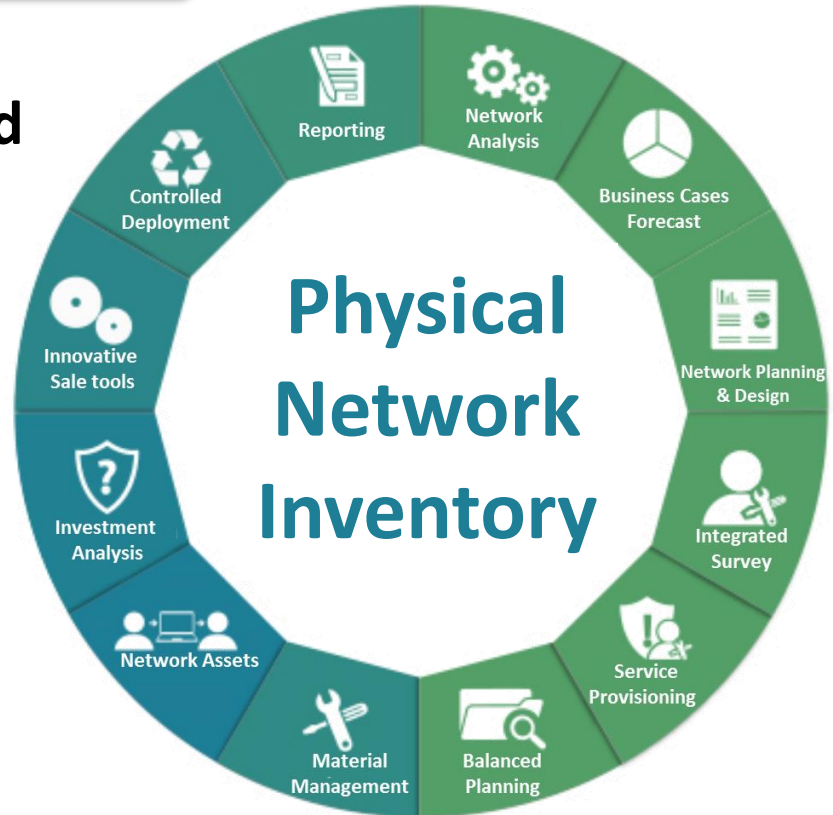- GIS for radio inventory expert
- Team leader

- ESRI Enterprise Solution architect
- GIS Trainings and Technical document writeup
- 5+ years of experience in relevant domain
- Served and worked with customers from 9 countries
- 100+ CEOs and CTOs connections
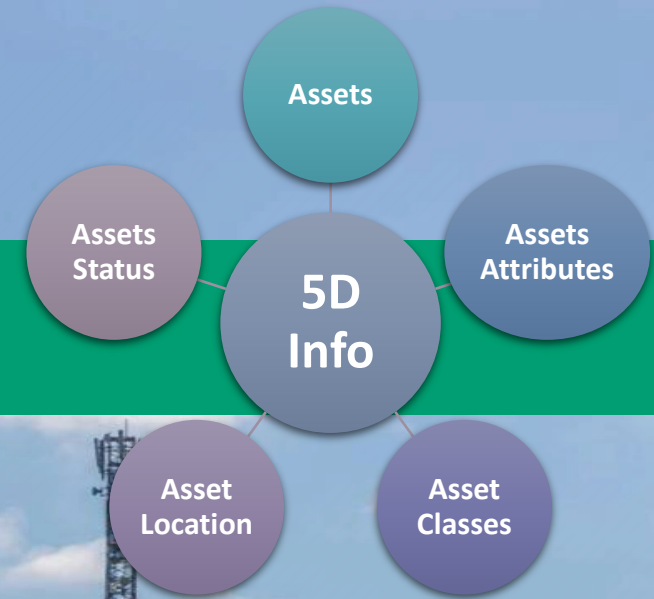
State of the art OSS & physical network inventory

State of the art GIS based physical network inventory should enable at least:

- 100% network visibility in map-based web applications and mobile applications

- Asset leasing and utilization visibility. Single port level depth of information.

- Radio network planning

- Physical network inventory integrated with active network inventory

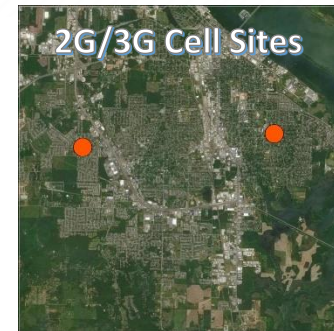- Network Analysis, utilization reporting & depreciation

Open RAN PNI Solution

5D Info:
- Assets
- Assets Status
- Assets Attributes
- Asset Location
- Asset Classes

- Survey
- Planning & Design
- Inventory
- Dashboard & Reporting
- Work Order Management
- Integrations

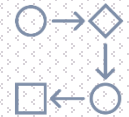2G/3G Cell Sites

4G Cell Sites

5G Cell Sites

SIT Radio PNI - Product

Web Application

Create, Edit, Delete Assets

Workflow Management

Survey Management

24/7 Access

Access from any device

User Tracking & Logs

Add map from any service

Radio PNI use-cases

Radio Network Inventory Development

Physical Network Design

ISP Network Design and GUI

Detailed Specification of Network Assets

Management of Survey Data for Radio network
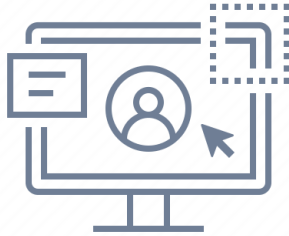
Fiber and Ports Splicing user interface

Power allocation and signal strength design

Quick data import (.csv, .kml, .shp)

Radio PNI use-cases

Radio Network Engineering, Audit & Reports

Generate construction packages

Analyse and map coverage of Network

Generate reports of network in Realtime

Radio PNI use-cases

Project Management

Cost Control

Time Control

Scope & Quality Control

Workorder / Workflow Management

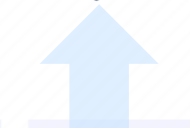Work force Management

Enterprise Content management
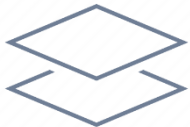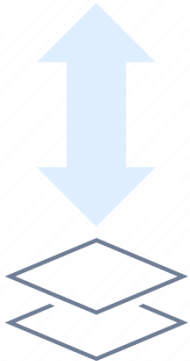
Manage Store Inventory

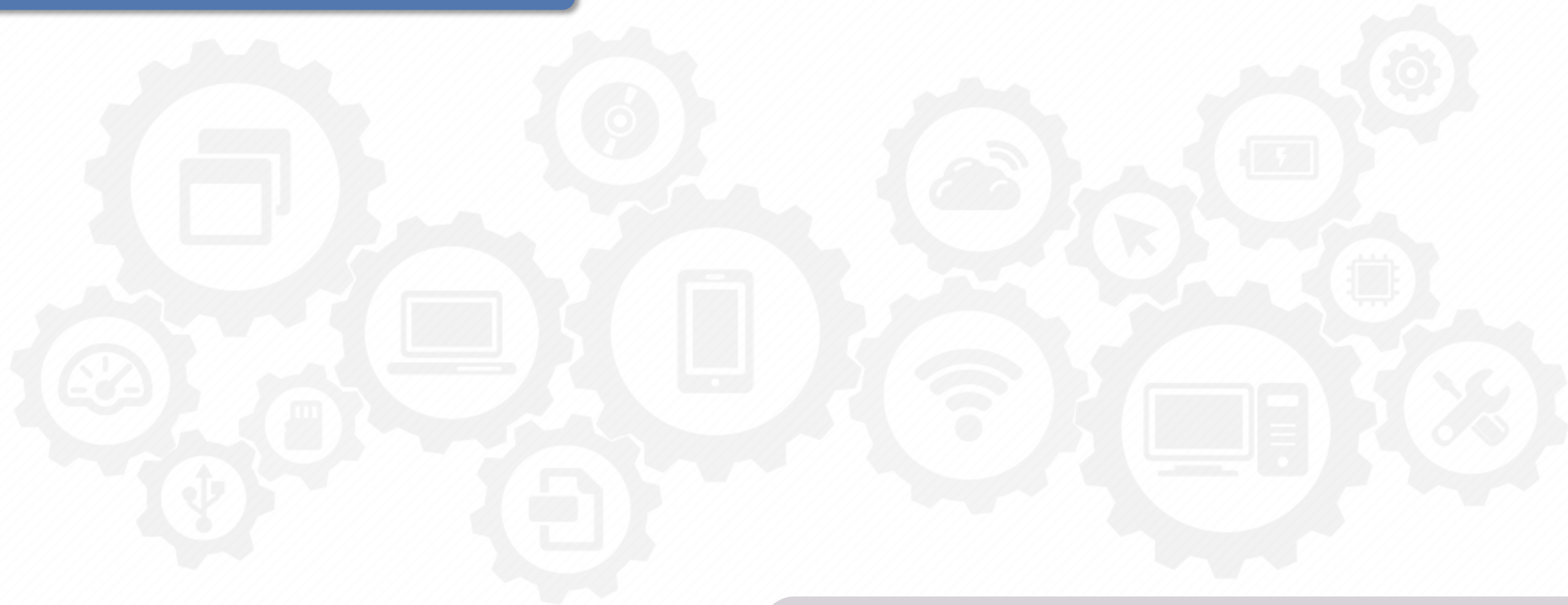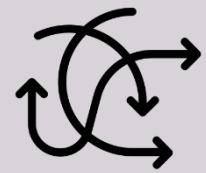# Radio PNI use-cases

GIS Portal

GIS Server

Database Server

Portals & Dashboards

100% Network visibility

Progress Monitoring

Realtime Network Summary

Integrations

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