# CYIENT

i-COMMS WORLD
CONNECT E2E

Integrated workflow orchestration to manage different project lifecycles and exchange information between different teams and systems.

i-COMMSWORLD – Business Objective

- **Provide single, seamless view of network to all business groups**

- **Minimize dependency on paper maps**

- **Update multiple network map sources and reduce effort duplication**

- **Manage the inputs from different business groups**

- **Manage large teams (contractors) and optimize work allocation**

- **Streamline the processes and adhere to a common output**

- **Facilitate project tracking for rollouts and project/program dashboard views**

- **Reduce CAPEX on new systems, enhancements to existing systems as it is not viable to make them redundant**

i-COMMSWORLD

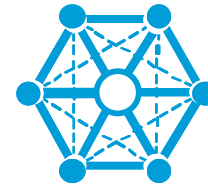Integrated communications world connects plan, build, and operations end-to-end

Plan to Build

Field Operations

As-Built Updates

Integrated with OSS/BSS

Report and Analysis
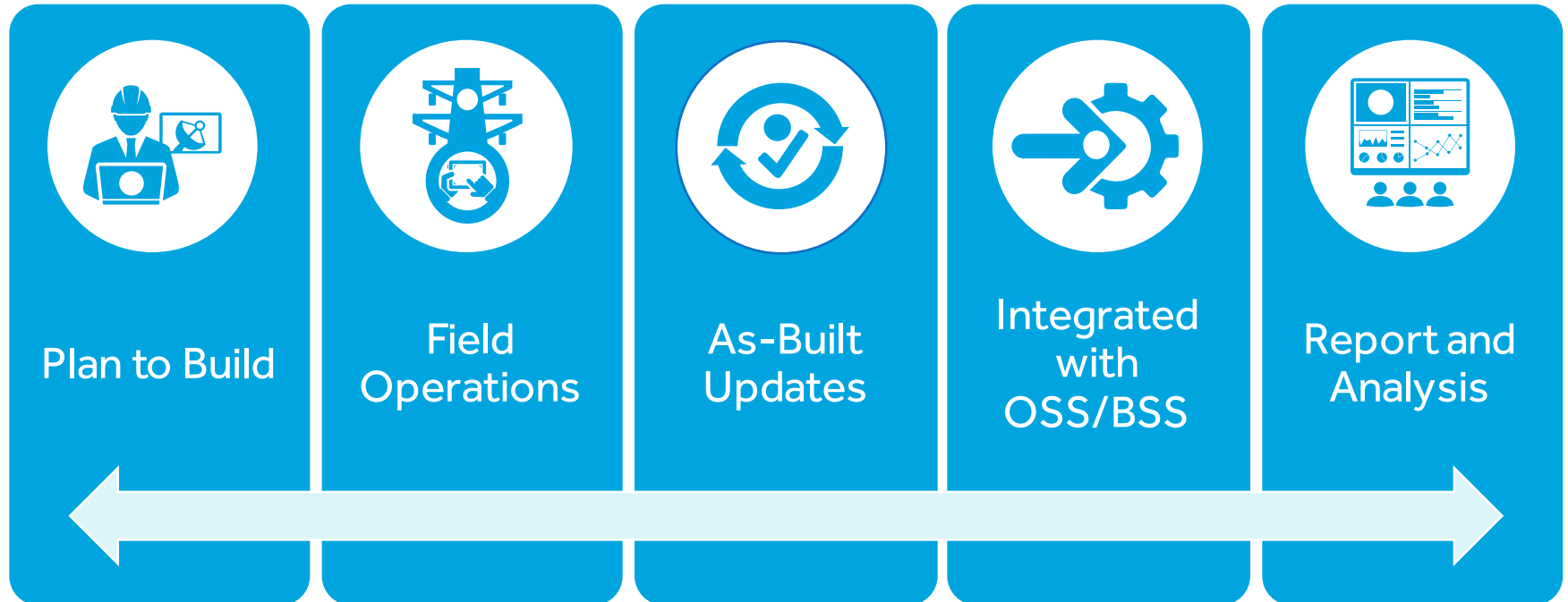
Key Features

Workflow Orchestration
- Configurable workflows for projects/tasks
- Link project/tasks to user groups
- Transitional states to approve/reject projects/tasks

Manage Network
- Network elements visibility
- View and edit the network feature info
- View connected network features
- View photos and documents associated to network features

Dashboard Reports
- A birds eye view of project/activities
- Monitor the progress of project/activities
- Dynamic reports on single click
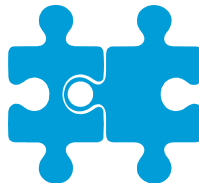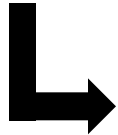- Better visibility of project teams and contractors performance

Field Operations
- Assist in field survey
- Network elements visibility
- Edit the network features online
- Take photos associated to network features

Integrations
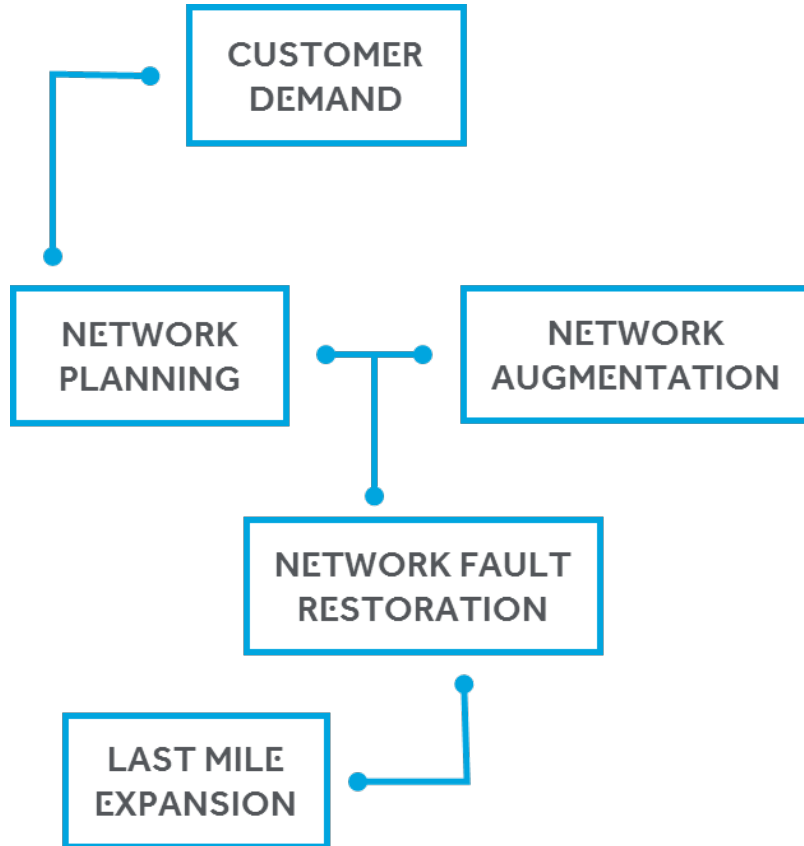- Plugin to connect with legacy systems like Smallworld, ESRI, ENE, G/Tech
- Connect using SOAP over HTTP to CRM, SOM, SAP etc.

Business workflow

CUSTOMER DEMAND

NETWORK PLANNING

NETWORK AUGMENTATION

NETWORK FAULT RESTORATION

LAST MILE EXPANSION

- **Configurable workflows for projects/tasks**
- **Link project/tasks to user groups**
- **Transitional states to approve/reject projects/tasks**
- **Triggers to initiate parallel activities while projects/tasks state changes (like emails and file uploads)**
- **Process the projects/tasks through multiples iterations**
- **Projects/tasks transition states linked to user groups**

Workflow-Driven Optimized P&D Processes
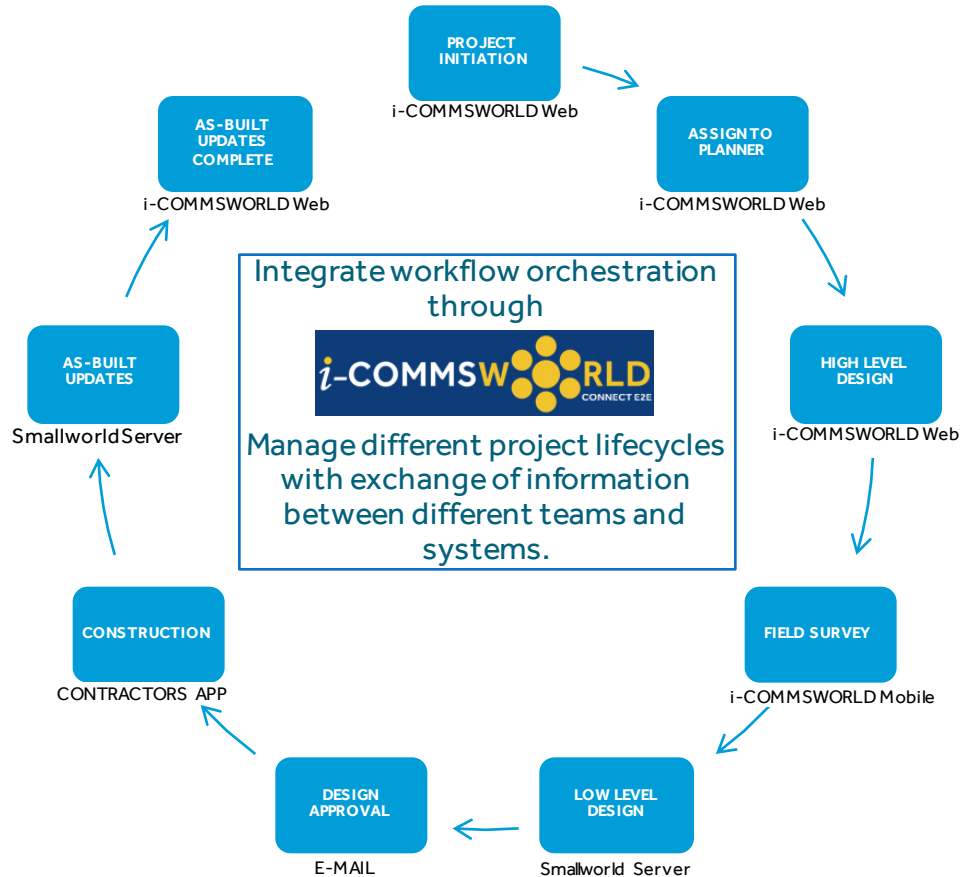
PROJECT INITIATION
i-COMMSWORLD Web

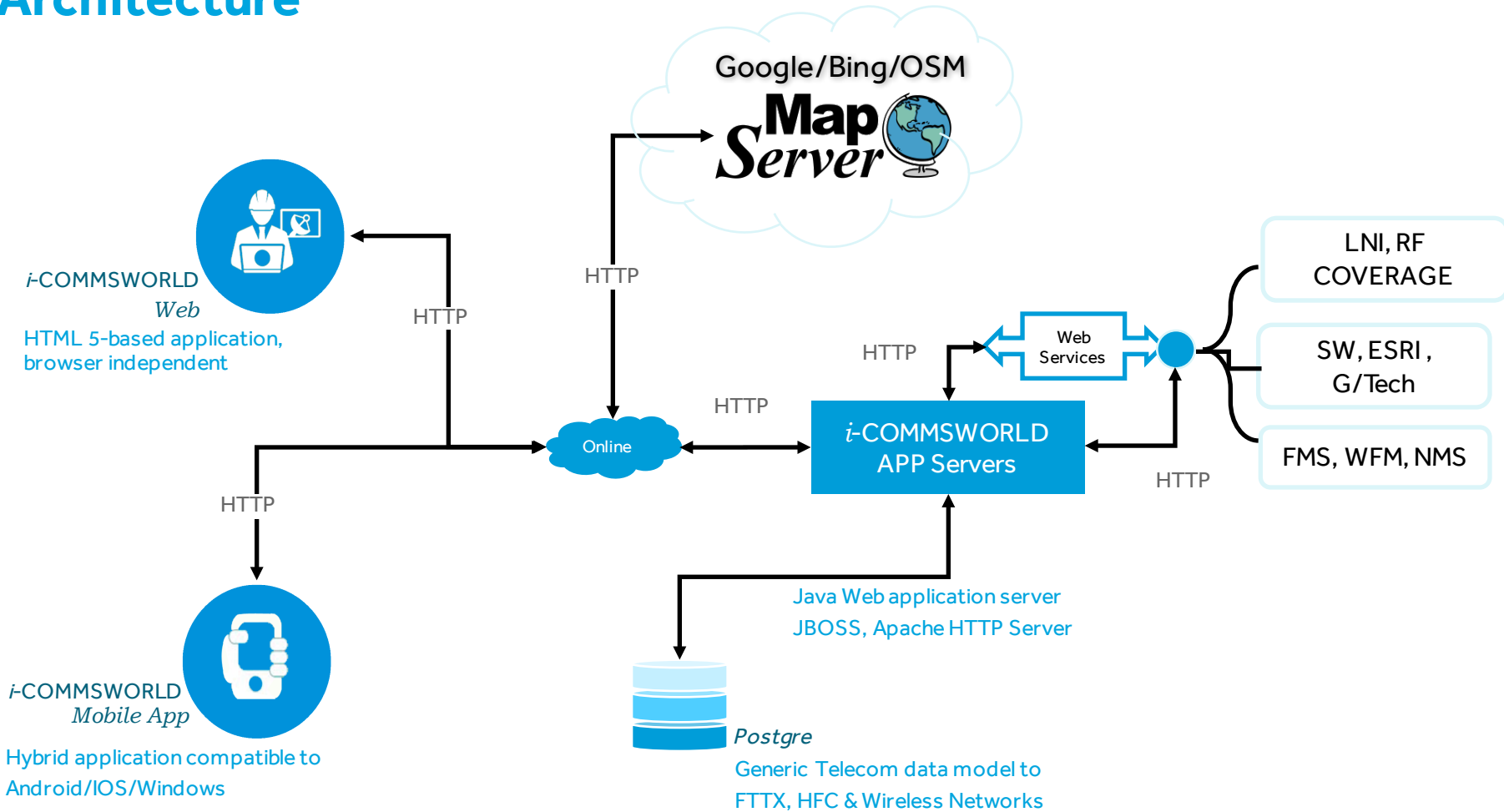**ASSIGN TO PLANNER**
i-COMMSWORLD Web

AS-BUILT UPDATES COMPLETE
i-COMMSWORLD Web

HIGH LEVEL DESIGN
i-COMMSWORLD Web

AS-BUILT UPDATES
Smallworld Server

CONSTRUCTION
CONTRACTORS APP

FIELD SURVEY
i-COMMSWORLD Mobile

DESIGN APPROVAL
E-MAIL

LOW LEVEL DESIGN
Smallworld Server

Integrate workflow orchestration through

i-COMMSWORLD CONNECT E2E

Manage different project lifecycles with exchange of information between different teams and systems.

- Configurable workflows for projects/tasks
- Link project/tasks to user groups
- Transitional states to approve/reject projects/tasks
- Triggers to initiate parallel activities while projects/tasks state changes (like emails and file uploads)
- Process the projects /tasks through multiples iterations
- Single application for all business groups with seamless view of all network and tasks with status

Architecture

Google/Bing/OSM
Map Server

i-COMMSWORLD
Web

HTML 5-based application,
browser independent

HTTP

HTTP

HTTP

Online

HTTP

HTTP

i-COMMSWORLD
APP Servers

Web Services

HTTP

LNI, RF COVERAGE

SW, ESRI, G/Tech

FMS, WFM, NMS

HTTP

Java Web application server
JBOSS, Apache HTTP Server

i-COMMSWORLD
Mobile App

Hybrid application compatible to
Android/IOS/Windows

Postgre

Generic Telecom data model to
FTTX, HFC & Wireless Networks

THANK YOU