Tracking exceeds capabilities of Excel + Box
Data Collection Toolset
Enable Mobile to Database to Map

Fulcrum
Building workflows via APIs

Member Requests
Members articulate their connectivity and information needs for specific sites in countries during an emergency or as part of long term development.

Location of Sites
Sites, GPS points and contents.

Equipment @ Sites
Serial numbers and locations.

Field Oriented Mapping
For surveys: Members, Networks, Sites. Who is operating what networks or programs?

Field Data Collection
Site Assessments, installation Reports, and Equipment Loan Forms signed by members. GDPR Consent forms worldwide. Collects which equipment is installed at which member sites and curated by which member staff or local NGO staff.

Data Aggregation and Analysis
Logs from Splunk are visualized in geotemporal terms, so that members can analyze how connectivity is making change across both time and space.

Network Planning
GIS. Open roads.

Exploratory Data Analysis
and data science based on Splunk aggregations

Automated SitReps
using analysis of data against other sources: pulling from Facebook, Digital Globe, high voltage electrical grids.

Visualization/NOC
Data from Splunk are visualized in geotemporal terms, so that members can articulate how connectivity is making change across both time and space.

Data from device logs with privacy controls. Available over API or via SNMP protocol.

Network Monitoring
Members articulate their connectivity and information needs for specific sites in countries during an emergency or as part of long term development.

Field Oriented Mapping
For surveys: Members, Networks, Sites. Who is operating what networks or programs?

Field Data Collection
Site Assessments, installation Reports, and Equipment Loan Forms signed by members. GDPR Consent forms worldwide. Collects which equipment is installed at which member sites and curated by which member staff or local NGO staff.

Data Aggregation and Analysis
Logs from Splunk are visualized in geotemporal terms, so that members can analyze how connectivity is making change across both time and space.

Network Planning
GIS. Open roads.

Exploratory Data Analysis
and data science based on Splunk aggregations

Automated SitReps
using analysis of data against other sources: pulling from Facebook, Digital Globe, high voltage electrical grids.

Visualization/NOC
Data from Splunk are visualized in geotemporal terms, so that members can articulate how connectivity is making change across both time and space.