



# Capabilities Statement

## To: Defense Health Agency

### Core Competencies

#### **Integration of Health-related Open Data**

Federal agencies in the healthcare sector (i.e. EPA, FDA, HHS, NIH) regularly release large datasets as Open Data. Unfortunately, data files related to a single topic (i.e. medical devices) are often dispersed across agencies, often scattered within units of a single agency.

NIHPO makes health-related Open Data Findable, Accessible, Interoperable, and Reusable (“FAIR”). Our enterprise platform ingests, processes, enriches, and integrates Open Data across federal agencies. Searches by NIHPO users produce more relevant results, faster, leading to more efficient and effective decision-making.

NIHPO’s Open Source-based platform includes details on all Clinical Trials from both the US and the EU.

#### **Customized Geographic Information Systems**

NIHPO has developed customized GIS platforms using Open Source (PostgreSQL; PostGIS; MapServer) and Open Data (OpenStreetMap and US Census’ TIGER shapefiles). We have integrated aerial photography from the US Dept. of Agriculture’s Geospatial Data Gateway. Custom GIS systems provide self-hosted mapping and geocoding capabilities, optimized for secure offline use.

### Key Differentiators

- Aligned with Long Range Technical Architecture: “Quadruple Aim: Better Health”  
“G: Improve Comprehensive Primary Care” Open Data
- Principals have extensive hands-on experience with:  
05 years medical device design, development  
11 years crafting Health IT-specific software
- Passionate, flexible, responsive, customer-first team.

### NAICS Codes

- 511140: Directory and Mailing List Publishers
- 511210: Software Publishers
- 518210: Data Processing, Hosting, and Related Services
- 519130: Internet Publishing and Broadcasting and Web Search Portals
- 561410: Document Preparation Services

### Company Snapshot

NIHPO, Inc.  
15625 NW 15 Avenue  
Miami, FL 33169  
<http://NIHPO.com>

Business start date: 09/11/2007  
DUNS: 032050273  
EIN/TIN: 260881464  
CAGE: 5E0Z1

Government Business PoC:  
Jose C. Lacal, CTO  
(561) 777-2577; [Jose.Lacal@NIHPO.com](mailto:Jose.Lacal@NIHPO.com)

NIHPO accepts both credit and purchase cards.

### Company Certifications

- Certified Minority (Hispanic) by State of Florida.
- 8(a) Small Business (SBA certification pending)

### Customer References

#### **DataStream Content Solutions**

Jason Myers, President  
[jason.myers@dscs.com](mailto:jason.myers@dscs.com) • [www.dscs.com](http://www.dscs.com)

“NIHPO has provided DSCS with several enterprise solutions in the Health IT space. Our companies have worked together since 2010. DSCS has greatly benefitted from NIHPO’s expertise in integrating health-related Open Data from state and federal agencies (EPA, FDA, NIH). In 2018 DSCS licensed a customized Geographic Information System (GIS) designed by NIHPO.”

#### **Syneos Health**

Helen M. Lingard, Strategic Data Partner  
[helen.lingard@syneoshealth.com](mailto:helen.lingard@syneoshealth.com) • [syneoshealth.com](http://syneoshealth.com)

“NIHPO provides Syneos Health with integrated Open Data related to international clinical trials. Syneos Health uses this data in our information-driven approach to Site and Patient Access to deliver value to our customers.”

# Capabilities Statement

## To: Defense Health Agency

### Sample Enterprise Platform: Medicine Navigator (“MediciNav”)

#### Summary

An integrated enterprise platform to easily search, navigate, and create reports from Open Data sources (FDA, CMS, NLM, US Patents Office) covering drugs and clinical trials in the USA, EU, Mexico and Spain.

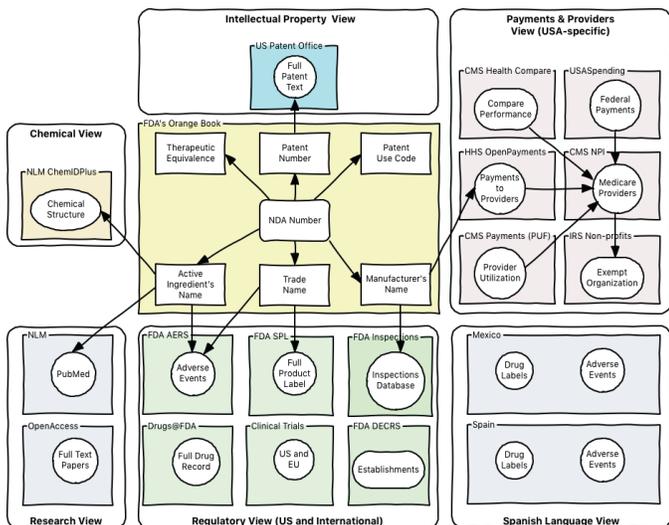
#### Implementation

MediciNav provides an integrated view of all approved pharma products, from a compound’s chemical structure to clinical trials to commercialization and adverse event reports of approved drugs. Raw Open Data is integrated using formal medical taxonomies and classifications.

#### Integrated Views of Pharma Data

MediciNav provides “views” that group included data:

- **Chemical View:** using the active ingredient’s name, cross-references all data on each chemical compound.
- **Intellectual Property View:** full text of USA patents.
- **Payments and Providers View (USA-specific):** full details of who pays whom for what services.
- **Regulatory View (US and International):** from NDA documentation to facility inspections to adverse events.
- **Research View:** navigable repository of academic papers, NLM PubMed, and Open Access publications.
- **Spanish Language View:** consumer-oriented materials from Mexico’s and Spain’s pharma regulatory agencies.



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### Sample Enterprise Platform: Medical Device Tracker

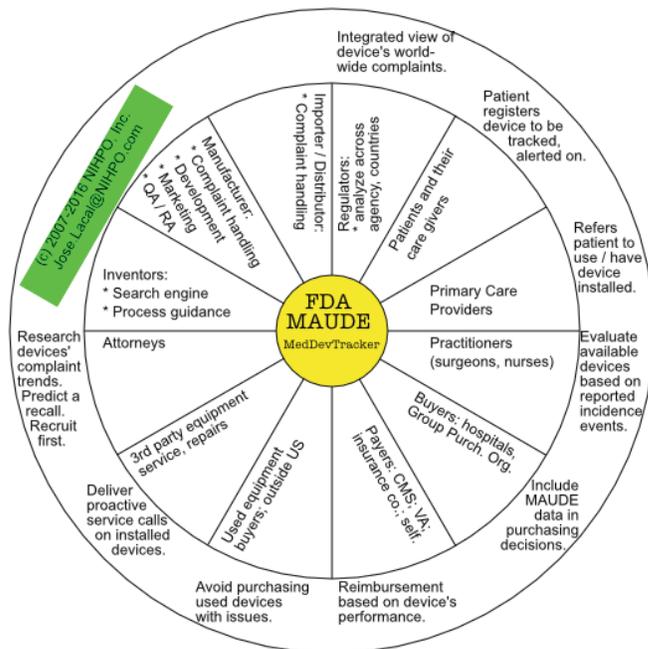
#### Summary

MedDevTracker can help the TRICARE Health Plan to monitor the medical devices and equipment used in TRICARE’s facilities and implanted in patients’ bodies. MedDevTracker can provide TRICARE with alerts on existing devices prior to formal FDA recalls, reducing TRICARE’s liability and patients’ negative outcomes.

#### Implementation

MedDevTracker is a web-based subscription service that provides a unified search and alerting engine for Medical Device information. Combining Open Data for:

- adverse events since 1993 (FDA’s MAUDE)
- submissions for market approval (PMA and 510(k)s)
- payments made by suppliers to healthcare providers between 2013 and 2017 (HHS’ OpenPayments)
- mapped to Medicare providers, facilities (CMS’ NPI).



#### Benefits to DHA

MedDevTracker tracks devices from approval through their full life-cycle, with the goal to determine high-risk devices early on. NIHPO uses only Open Data (no PHI) to build a proprietary “Risk Profile” for each device. TRICARE can use NIHPO’s Risk Profile to risk-adjust device maintenance, replacement schedules at MTFs.