

Covid-19 response capabilities





Palladium is a global impact firm operating in over 90 countries, working to link social progress and commercial growth. For the past 50 years, we've been working with corporations, governments, investors, communities, and civil society, implementing programs that have a lasting social and financial impact.

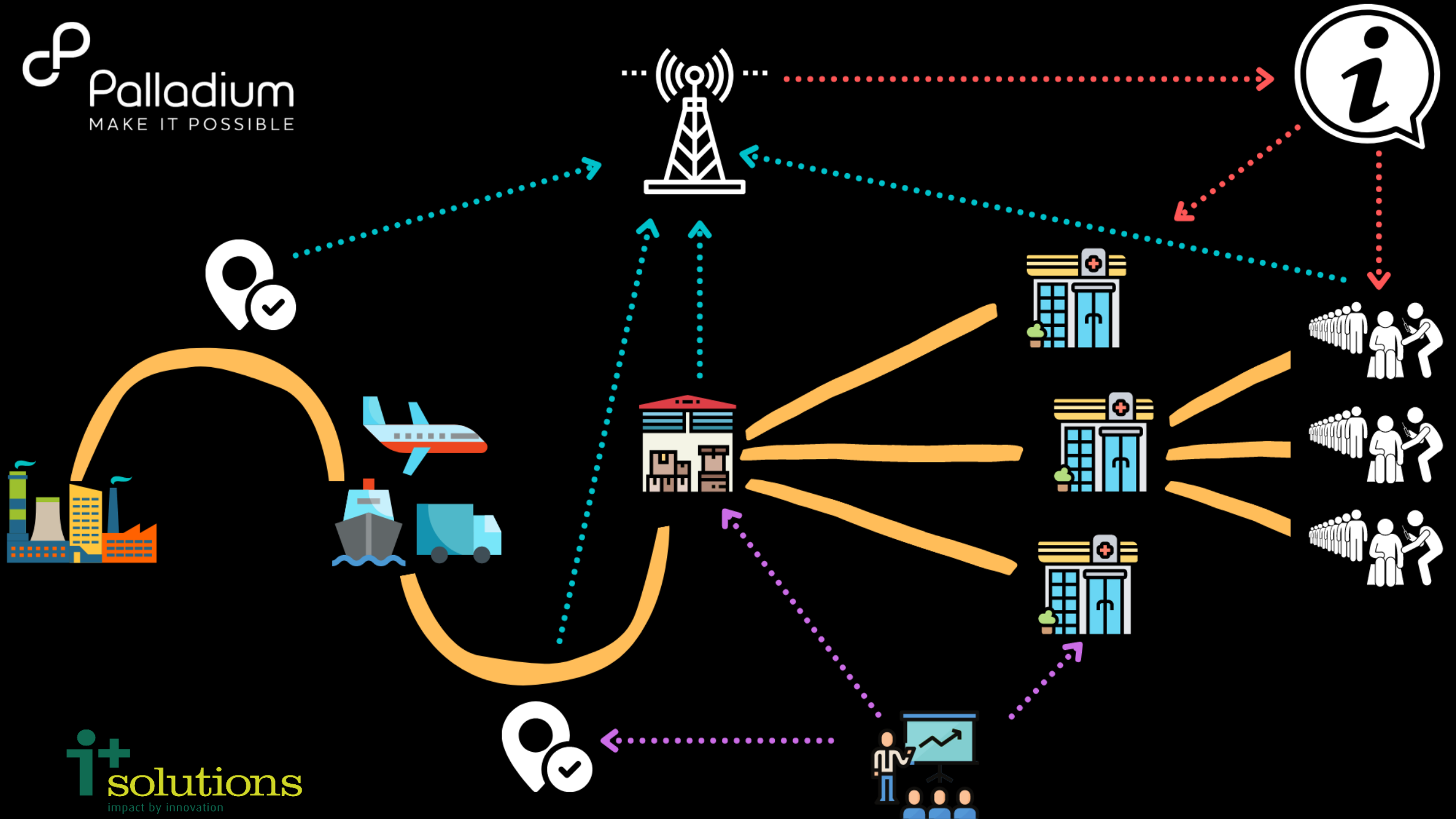
We simply call this
“Positive Impact”.

i+solutions

Impact by Innovation

- + Our mission is to save and improve lives by creating well-functioning health supply chains
- + Our services:
 - + Procurement Agent for the Global Fund, NGOs and countries
 - + Consultant to advise countries how to strengthen their supply chains
 - + i+academy (e-learning)
 - + Medexis (eLMIS)





The Covid-19 pandemic is having a devastating impact on public health, societies, and economies around the world. We are facing the unprecedented global challenge of distributing Covid-19 vaccinations. Strategic partners, Palladium and i+solutions, bring vast experience in delivering unique solutions to support end-to-end Covid-19 response.

PROCUREMENT

Buying high quality Covid-19 related products at an affordable price.

LOGISTICS & RECOVERY

End-to-end solutions. From air freighting Covid-19 commodities right up to waste disposal.

VACCINE ROLL OUT

Informing decision-makers around the net-effects of any targeted vaccine distribution programme.

DATA MANAGEMENT

Collecting, managing and storing data for the purpose of tracking vaccine use and post vaccination health data.

DEMAND GENERATION

Social marketing and communications to build trust and improve accountability in the distribution value chain.

CAPACITY DEVELOPMENT

Providing capacity development to different supply chain actors.



Procurement

Supporting clients in supply-planning, fast-tracking procurement and contract negotiations.

Offering

- Needs assessment and supply planning.
- Procurement of vaccine rollout consumable packages: syringes, needles, gloves, other PPE, etc.
- Established strategic partnership with vetted factories, customs agents and freight forwarders in China.
- Collating orders from clients to be more competitive and thus secure the supply.
- Quality assurance of the products.
- Cold chain equipment procurement and installations.

Capabilities

- Palladium has extensive experience in procuring life-saving goods efficiently. For example, through the £450m FCDO-funded Humanitarian Emergency Response Operations and Stabilisation Programme Palladium have procured over 379,070 critical items.
- i+solutions is the largest procurement service agent for the Global Fund's Pooled Procurement Mechanism. i+solutions is responsible for the procurement of Anti-retroviral, Anti-Malaria, Essential Medicines, PPE, Covid-19 treatment and other laboratory commodities, with an annual procurement value of \$600m.

In partnership with the Federal Department of Health in Australia, Palladium developed, sourced, manufactured and delivered 4 million isolation gowns worth AUD\$ 35m of the required standards and specifications to protect frontline workers. i+solutions currently supplies PPE and Covid-19 treatment commodities for the Global Fund (expected value around \$200m).



Logistics

Providing end-to-end solutions from conception to implementation of Covid-19 commodity delivery and distribution.

Offering

- Planning.
- Warehousing.
- Customs and registrations.
- Tracking and accountability, connecting supply chain data to patient data.
- International air freight.
- Field transportation, last mile delivery.
- Waste management.
- Localisation and support to expand existing MoH facilities.
- Establish, set up and manage camps, field clinics / hospitals.

Capabilities

- Palladium supply the UK FCDO with capacity and specialist expertise for effective UK response to sudden-onset disasters, protracted crises and complex emergencies. Since 2017 it has delivered 832 projects in 130 countries responding to 36 major crises.
- On the DFAT and WHO funded GeneX Pacific Distribution, Palladium dispatched 28 tons of Medical Aid (GeneX testing equipment and supplies) through 260 flights and 9 vessels, supplying 21 hard-to-reach Pacific countries.
- i+solutions has in-house fourth-party logistic experience with health commodity suppliers and manage daily shipments to over 70 countries.
- Palladium has an established network of trusted logistical agents and service providers to deliver last mile solutions.

Palladium has delivered 40 Covid-19 country kits (which included PPE such as gloves, masks goggles, gowns) to support essential and frontline workers to countries such as Fiji, Timor-Leste, Solomon Islands, Vanuatu, Samoa, Tonga, Nauru and Tuvalu among many others. i+solutions has maintained an on-time in full delivery performance of 93% in 2020 despite of the pandemic challenges. i+ delivered a range of life saving health products to over 67 countries with a value of 566M \$ since the pandemic started.



Vaccine roll out

Developing a sustainable model for vaccine distribution and supporting the roll out.

Offering

- VaxImpact - tool for vaccine allocation across geographic target areas focusing on socio-demographic equity.
- Model for distribution.
- Financing model for vaccine purchase.
- Technical Assistance for Planning and resource mobilization
- Influencing private sector investment in the supply chain.
- Ability to partner with medical expert providers to support rollout of vaccine and associated health administration.

Capabilities

- Palladium has over 40 years of assistance in public health decision-making through policy modelling in areas such as population growth and economic development; HIV/AIDS; family planning; global health security.
- Palladium works with USAID Missions and host country governments to establish Epidemic Control Rooms that allow decision-makers to access data across a wide range of sources in one place so the data can be analysed in real time, i.e. for HIV surveillance and response.

In Nigeria, Palladium has used its Covid-19 Essential Supplies Model to assist 15 states to improve their Covid-19 response. Palladium has also used its model to assist with re-opening plans in Honduras and Kuwait.



Data Management

Improving decision-making through data tracking and analysis.

Offering

- Monitoring usage of vaccine and post-vaccination data.
- Improving data quality.
- Surveillance and micro-planning.
- Social listening.
- Negotiations around data sharing and data security.
- Data analysis.
- Dashboards.
- Sharing learning within and between countries to accelerate implementation

Palladium has developed and maintains the first and only National Data Warehouse for anonymised patient-level data repository, by 'connecting', collating and aggregating patient data from the Electronic Medical Records. The purpose of the Project is to support disease monitoring towards achieving HIV epidemic control in Kenya. An i+solutions lead blockchain pilot project in Nigeria, has shown huge improvement of inventory management, creating traceability of health commodities from central medical stores to the last mile and preventing falsification and diversion.

Capabilities

- Palladium works with governments and ministries of health to build and enhance data warehouses that aligns to user needs and maximize the usability of available data for decision making
- Palladium delivers the mechanism that serves as USAID's primary mode for data, technology, and HISs to support HIV activities in 23 countries.
- i+solutions control tower platform has the ability to track products from supplier to health facility. A blockchain solution was developed to connect existing logistical systems across the whole supply chain.



Demand generation

Building trust in vaccination and improving accountability in the vaccine value chain.

Offering

- Behavioural Change Communication.
- Stakeholder engagement (communities, private sector, etc.).
- Social listening.

Capabilities

- In Pakistan, the work of Palladium has primarily focused on the 'demand side' of reproductive, maternal, new born and child health services. It used a model where both demand and accountability processes were strengthened through facilitation of citizens to support and foster a nascent social accountability movement.
- Palladium is engaging and leveraging expertise of new and underutilized local partners (NUPs), strengthening NUPs capacity and scaling up innovative solutions developed by NUPs.

4.5 million people reached with Covid-19 information through radio or TV spots in Mali (EXPAND programme). 15.7 million citizens during the project life with messages on health rights / entitlements and healthy behaviour in Pakistan (EVA programme).



Capacity Development

Introducing and promoting good practice in vaccine handling and usage as well as vaccine related patient care and data management.

Offering

- In-person, virtual and asynchronized training.
- Developing guidelines and protocols for health facility and community use.
- Training Health Care Workers.
- Training on waste management and disposal.
- Training on establishing, maintaining and operating specialist equipment.
- Rapid training on vaccine handling.
- Last-mile supply chain training.
- Data management training.

Capabilities

- 3,329 medical personnel trained on Covid-19 issues from March to June 2020 in India.
- 1,390 primary health workers trained on continuity of essential services within Covid-19 context trained in Kano state, Nigeria.
- 700+ healthcare workers trained on ventilator and PPE use in Honduras.
- i+solutions developed a forecasting and quantification training for Covid-19 related commodities.
- i+solutions designed and delivered training / capacity building on last-mile supply chain in over 20 countries.

In Pakistan Palladium has conducted Covid-19 infection prevention and control training for 546 facility-based healthcare providers and 161 Lady Health Workers (LHW) supervisors who conducted step down training for 2,394 LHWs.



wkreft@iplussolutions.org

luca.marchina@thepalladiumgroup.com