We understand that COVID-19 national and regional vaccination programmes require a coordinated, agile and timely approach.

For that reason our Vaccine Distribution System offers response that answers the key 3 challenges:

**Scale & time-frame:**
- delivery time of ~3 weeks for base functionality from prototype acceptance
- supporting thousands of Vaccination Points with tens of thousands users
- ~15 000+ vaccine orders every 2-3 days

**Functionality:**
- managing and tracking of orders, order lifecycle
- loss management
- stock management
- configurable Vaccination Points order capabilities
- configurable Vaccines definition based on quantity and packing method
- user approval flow, Vaccination Point approval process

**Integration & maintenance:**
- integration with pharmaceutical wholesalers
- integrations with Data Warehouse
- solution based on Power Platform and Portal
- high scalability
A referential architecture of Vaccine Distribution System

System users

Vaccination Points (7000)
Vaccine ordering

National Health Fund
New Vaccination Points

National Materials Reserves
Order management

Pharmaceutical Distribution
Wholesalers
Order processing

Vaccines ordering
Order status

Vaccines orders
Loss Management

Patient registrations
User Authentication

e-Registration
Patient registration

National Grid
Users

National e-Health Center
Data Warehouse

Reporting
The project included an end-to-end implementation of the system. Right now we are at maintenance stage.
Contact us

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