



GO FASTER IN EARLY DETECTION

GO FURTHER IN PUBLIC HEALTH PROTECTION

Your electronic solution
to improve routine reporting
quality and speed

KEY CHALLENGE IN PUBLIC HEALTH: DETECT EARLIER TO PROTECT BETTER!

Weekly aggregated reporting of priority public health events is essential to detect early outbreaks and prevent their negative impact



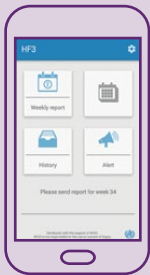
But traditional paper-based reporting is challenging

- ▶ Time-consuming
- ▶ Delayed responses

Ultimately reducing the effectiveness of public health surveillance

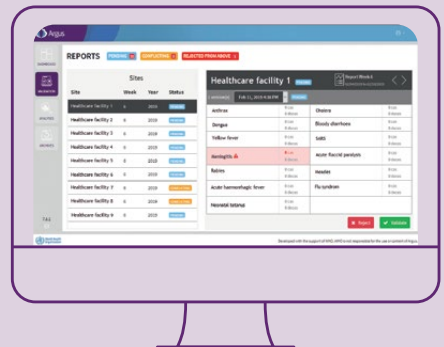
WHO CREATED ARGUS TO IMPROVE THE EFFICIENCY OF NATIONAL PUBLIC HEALTH SURVEILLANCE

By facilitating data transmission and analysis with:



1 phone App to enter and report data from healthcare facilities

1 web platform to review, validate, and analyse data at each level



The International Health Regulations (IHR 2005) request each State Party to detect and respond early to any acute public health event. To comply, each country has to implement a process for public health surveillance (e.g. IDSR in WHO AFRO region). Argus supports this process.



ARGUS TOOL

To make the best use of limited human and financial resources for public health surveillance

1

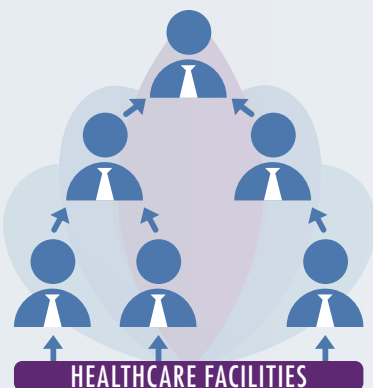
IMPROVE
the flow
of public health
surveillance
information

2

ENHANCE the
use of information
to detect and
rapidly respond to
public health events

3

STRENGTHEN
the capacities
of countries for
effective public
health surveillance



- ✓ Open source application
- ✓ Easy to configure with no additional development:
 - Diseases and conditions
 - Variables to be collected
 - Language
 - Structure of the system
- ✓ Secure: one local server to run the system and store data

THE PHONE APP

for healthcare facilities

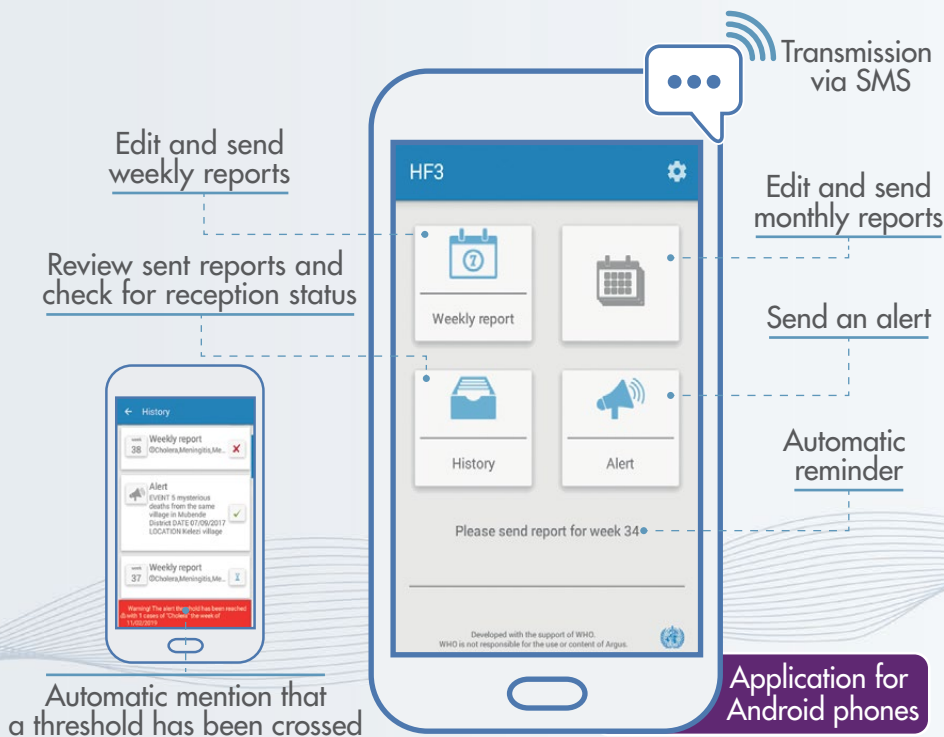


- **Quickly fill-in** weekly reports
- Send **alerts immediately** to all key supervisors
- **No internet needed:** transmission via SMS connection

Togo example

4 minutes to fill-in and send a weekly report with 13 diseases (number of cases and number of deaths)

ACCELERATED COMPLIANCE IN DATA REPORTING



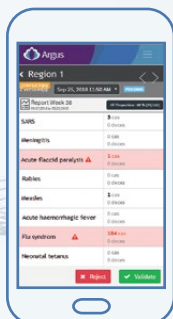
THE WEB PLATFORM

for each level of the public health surveillance system

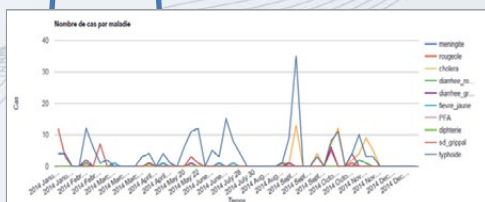
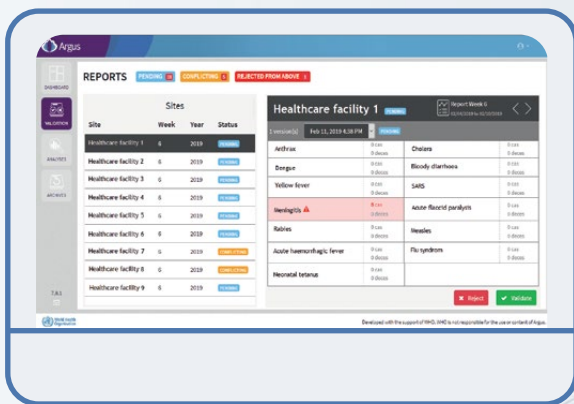
- **Quickly review, validate, and analyse** reports at each level: country / regions districts / healthcare facilities
- **Wherever you are:**
Available on mobile and desktop



**FASTER DATA VALIDATION AND ANALYSIS,
FOR FASTER INVESTIGATION AND RESPONSE**



Review and validation of reports



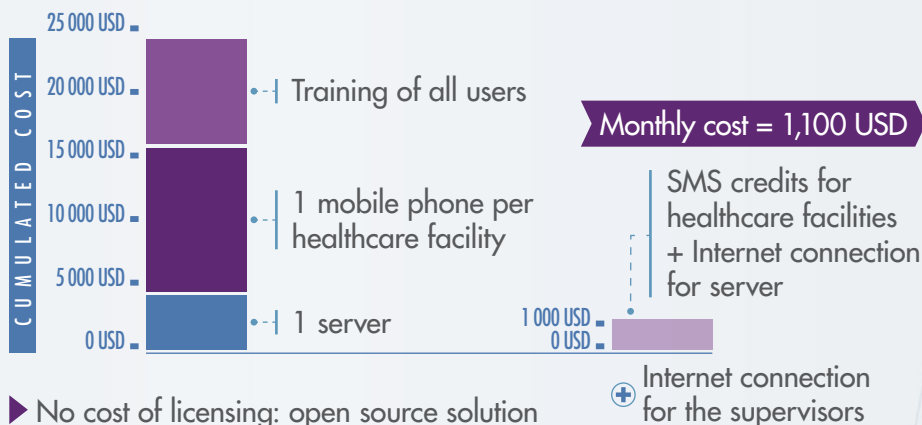
Automatic epidemiological summary and customized analyses

WHAT RESOURCES ARE NEEDED?

Togo example

► 149 healthcare facilities

Implementation costs = 24,000 USD



HOW TO IMPLEMENT ARGUS?



WHO provides national health authorities and key stakeholders with guidance and tools for implementing ARGUS to better capture and make use of public health surveillance data.