



# **TrialPal**

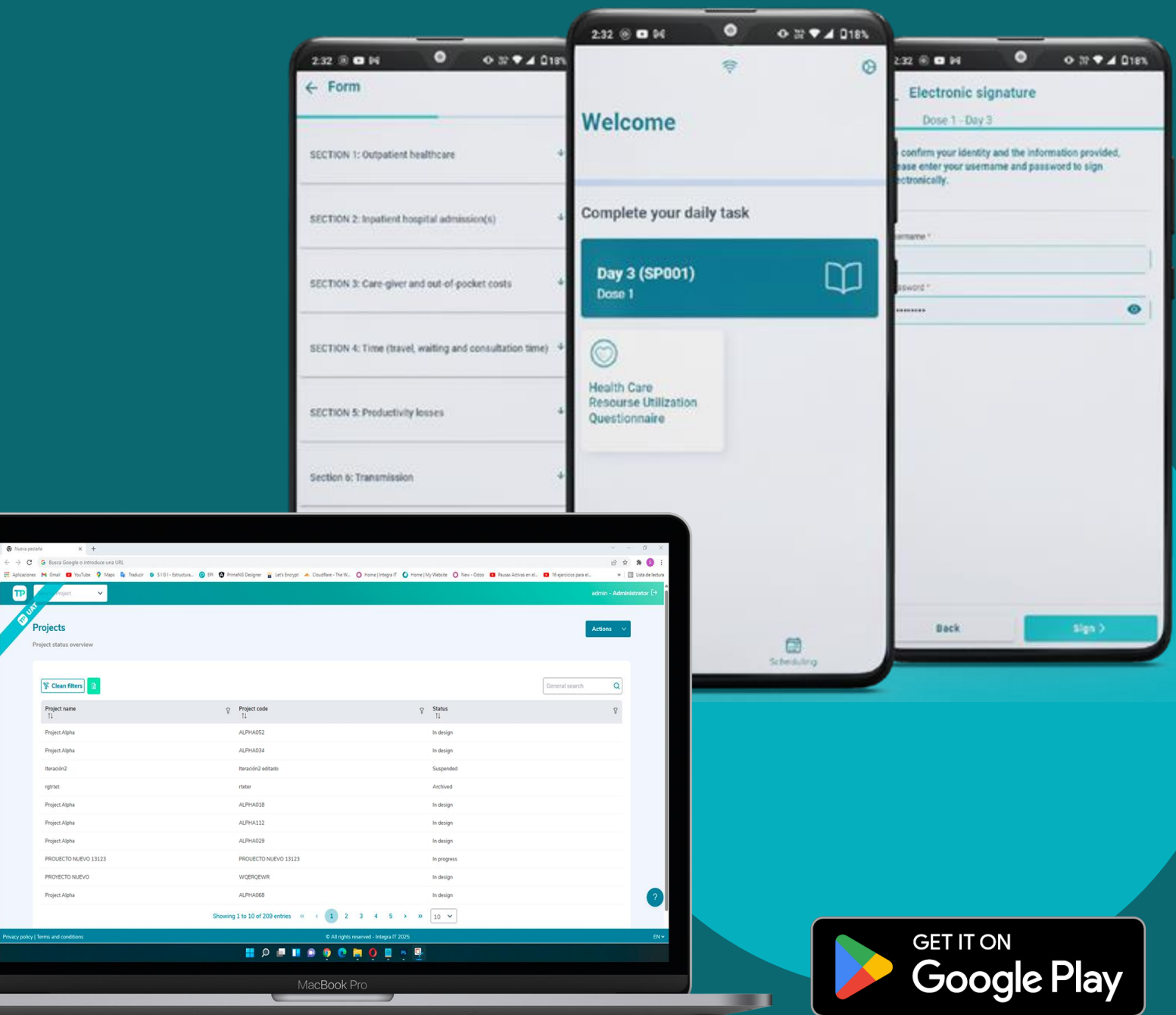
## **Mobile App and Web eCOA/ePRO solution**

### **Patients Pal for Clinical Trials.**

**One of Integra IT solutions for the  
Life Sciences industry.**

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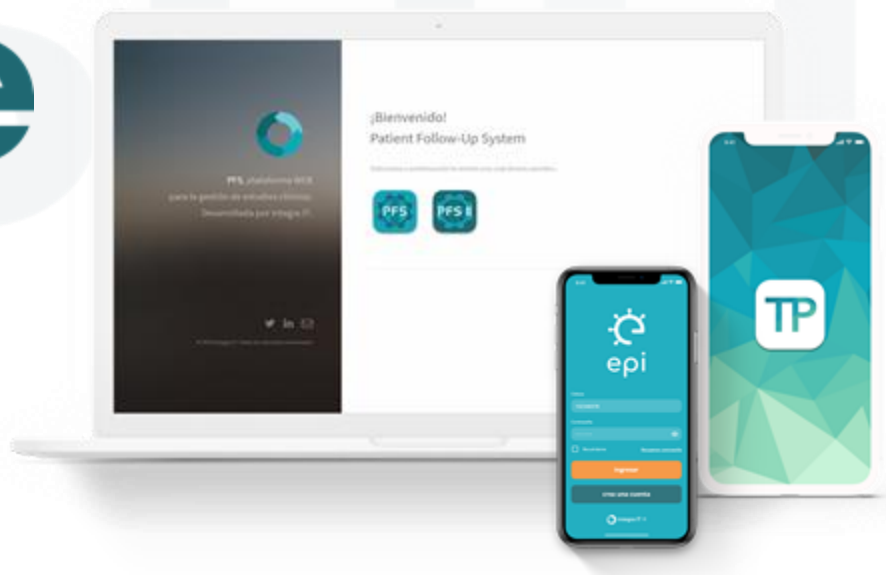


# TrialPal.

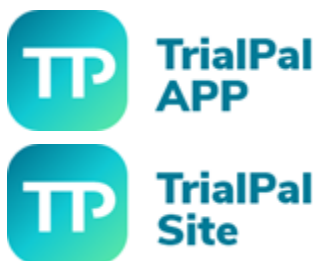
Our eCOA/ePRO DCT mobile and web application is subjects clinical trials best friend. A simple to use solution that works even when subjects lose internet connection and contains a differentiating factor for vaccine clinical trials, providing sites with immediate notifications regarding adverse events, sending stakeholders automatic alerts, and giving access to real-time dashboards with subject status, eDiary adherence and reports to improve decision-making.



# integra SUITE



## Mobile



### Modules



Vigilant-e



E-Diary



Chat



EPI

## Integration



## Web



**TRIAL 360**  
End to End  
Site EcoSystem



**CRF**  
Case Report  
Form



**TPMOVI**  
TrialPal  
Movi



# Integra IT TrialPal Statistics

**+11.5 Million**  
Reports

**+58.000**  
Participants

**12 years**  
Experience

**18 Countries**



# TrialPal New Version



**TrialPal  
APP**

*Patients Clinical  
Trial Best Friend*



**TrialPal  
API**

*Interface  
with third  
party  
software*



**TrialPal  
Site**

*Site Clinical Trial setup  
and management*

## What is new?

*Trial Pal 2 App and Web version*

- **Simplifies study setup and speed up process to have eDiary or any type of form ready in 1 to 2 hours as per protocol specifications.**
- **Both web responsive and mobile apps integrated in the same solution. More options for patients.**
- **Notifications and alerts are customized per study and by you, in order to remind patients when a report is needed without impacting their user experience (UX).**

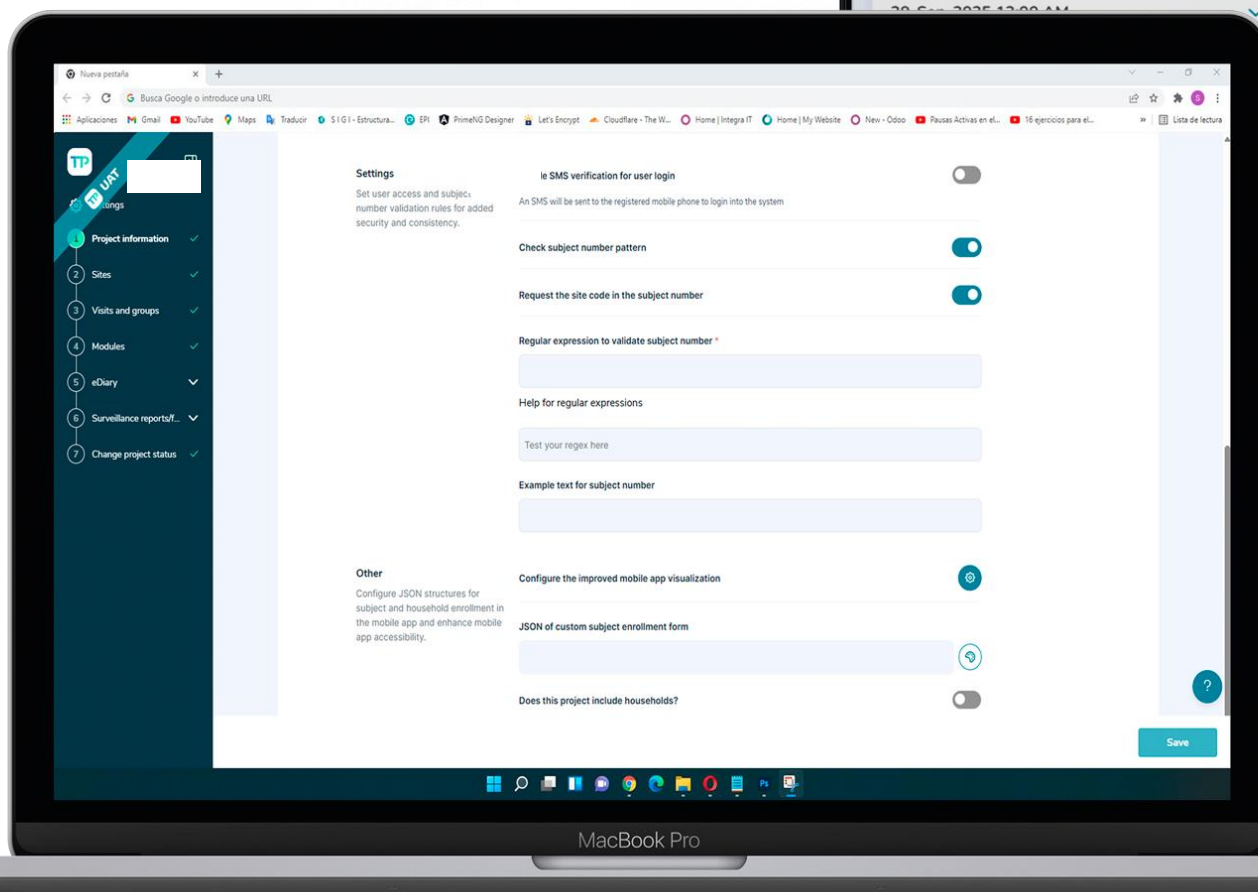
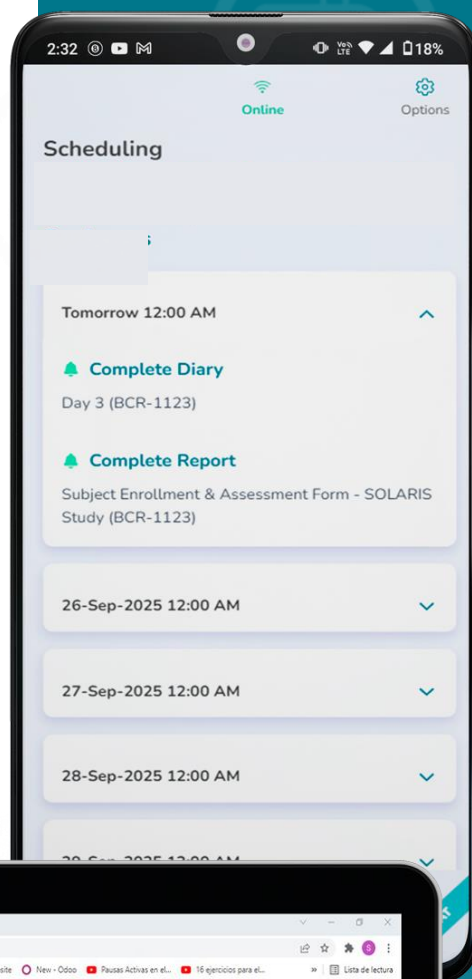


# TrialPal New Version

## What is new?

*Trial Pal 2 App and Web version*

- **Easy ON-OFF architecture** to activate additional modules such as Chat, eConsent, Telehealth (this last one in Beta version). A way to enable hybrid trials or a DCT when integrating TrialPal with Trial360 and Integra IT eCRF/EDC.
- **Robust TrialPal API** to enhance interoperability between site CTMS, EDCs or any other third party application such as RAVE from Medidata.
- **Reduce implementation and operational time and costs.**



# TrialPal Modules



## e-Diary

Diaries are used in clinical trials where researchers want to gather information after each vaccination or medication. With this module, the information reported by patients is shared in real-time, in order to enable site staff to know what is happening with each patient

In addition, we improve the quality of the information by incorporating validations within the application, along with clear instructions that make data entry easier for subjects. We have also included accessibility enhancements and visual improvements to the functions, making the experience more user-friendly and minimizing typing errors.

## Forms and Surveillance

This module allows clinical trial participants to report actions and information directly to the research center. It is ideal for surveillance studies where participants must periodically report their health status over long periods of time, and it is also used to design and configure customized forms, including Quality of Life (QoL) questionnaires. The form designer makes it easy to create key study questions with different types of fields and components, ensuring accurate, complete, and reliable data collection.



### Symptoms

Report symptoms and its severities in one touch. Report when a participant logs a medication dose.



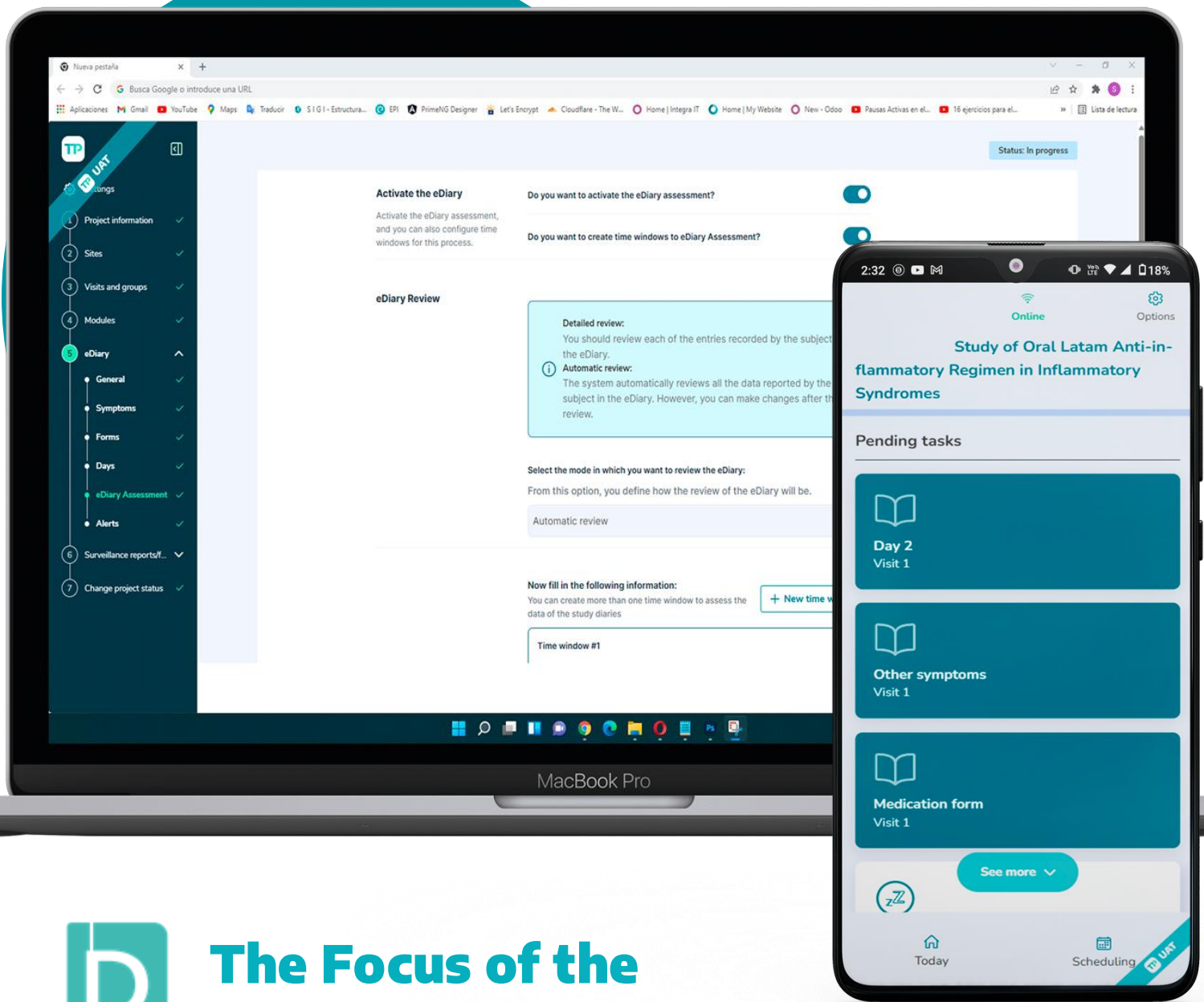
### Contact Requests

Notify that a participant wants to receive help or information.



### Hospitalizations

Inform that a participant has been to an ER or is hospitalized.



## The Focus of the e-diary

**E-Diary is a module of our TrialPal App that leverages technology to improve the collection of patient information after each vaccination or medication.**

**Data reported by patients is shared in real time through an interactive dashboard, simplifying the follow-up process and providing immediate insights into each patient's status. The quality of information is further enhanced by built-in form validations within the App, which help minimize typing errors and ensure more accurate data collection.**

**Additionally, eDiary data can be generated into electronically signed PDF reports, ensuring traceability, legal validity, and easily shareable documentation for research sites and regulatory authorities.**



The TrialSite Management Console streamlines participant enrollment and the configuration of study protocols, forms, notifications, alerts, and reports. It offers multiple views of eCOA/ePRO data entry status, performance analytics, and data precision, all within an intuitive interface that reduces implementation efforts and minimizes support time. Designed with user guidance at its core, the platform provides built-in instructions and step-by-step assistance throughout the project setup process, making study start-ups more agile and ensuring a simple, secure, and efficient experience.

- Patient's cards with eDiary information
- eDiary Assessment
- Patient reporting adherence metrics in real-time
- Participants groups customization
- Download the PDF patient card report to add to EMR quickly
- Audit trail
- Set up email notifications for specific symptoms and severity levels, while also receiving daily summaries that report on project adherence.

#### Set-up and remote monitoring of:

- Visits
- Alerts
- Symptomatology
- Surveillance Reports
- Temperature
- Point of care
- Medicines
- Multimedia

DEMO-TP2
X
Select a Site

admin - Administrator

< Subject list

Cards
Table

abraham.test.123

Cohort\_A
12-Dec-2023
Site\_1

bug\_temperatura

Group\_1
24-Oct-2022
Site\_1

DEMO02

Cohort\_A
10-Apr-2023
Site\_1

DEMO03

Cohort\_A
24-Apr-2023
Site\_1

DEMO04

Cohort\_A
17-Aug-2023
Site\_1

DEMO05

Cohort\_A
23-Feb-2024
Site\_1

demo0711

Cohort\_A
02-Nov-2023
Site\_1

demo07112023-1

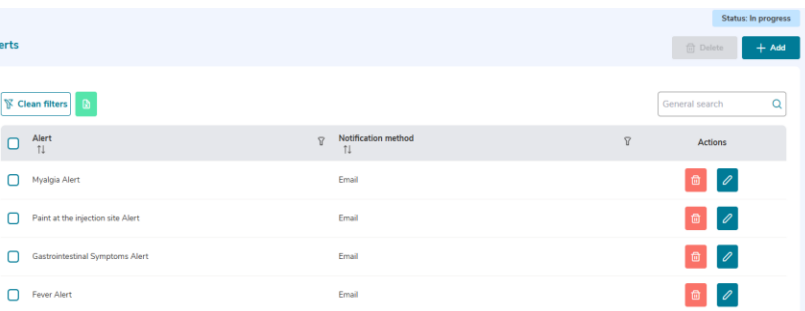
Cohort\_A
06-Nov-2023
Site\_1

demo07112023-2









Cohort\_A
06-Nov-2023
Site\_1

# Notifications, Alerts and Forms for Surveillance

- Easy create surveillance reports or forms for symptoms monitoring.
- Pre setup subject notifications types and frequency
- Define alerts that would need to be send to sites, CRO/Sponsor stakeholders, that would be interested in getting real-time alerts over email or sms for grade 3 symptoms or any specific data or response to be monitored.
- Design personalized forms intuitively, with configurable questions and response types.



The screenshot shows the 'Alerts' management page. At the top, there's a 'Status: In progress' indicator and buttons for 'Delete' and '+ Add'. Below this is a 'Clean filters' button and a 'General search' input field. The main content is a table with columns: 'Alert', 'Notification method', and 'Actions'. The table lists five alerts: 'Alert T1', 'Myalgia Alert', 'Pain at the injection site Alert', 'Gastrointestinal Symptoms Alert', and 'Fever Alert'. All listed alerts have 'Email' as the notification method. Each row has two action icons: a red square with a white 'X' and a blue square with a white pencil.

Alert	Notification method	Actions
Alert T1		
Myalgia Alert	Email	 
Pain at the injection site Alert	Email	 
Gastrointestinal Symptoms Alert	Email	 
Fever Alert	Email	 

## Alert Types

- ☐ Temperature greater than or equal to
- ☐ Symptom intensity greater than or equal to
- ☐ Medical attention / Hospitalization
- ☐ Symptom value greater than or equal to
- ☐ Symptom value less than or equal
- ☐ Symptom value equal to

Easy setup your  
alerts via SMS  
or email

## Add alert

### Set up a new alert

Complete the fields to define the message, alert type, and the conditions under which the notification will be sent.

### Alert name \*

### Notification method \*

Email


Email


SMS

# Notifications, Alerts and Forms for Surveillance

Alerts will be send to stakeholders SMS or email and will also be shown into the Subject detail tap inside the TrialPal Site.

Alerts


[Clean filters](#) 

General search 

Alert name ↑↓	Symptoms ↑↓	Date and time ↑↓	Origin ↑↓	Status ↑↓
Active surveillance alert	Dynamic form response	18-Mar-2025 17:04:25	Report	Sent
Passive surveillance report	Dynamic form response	18-Mar-2025 16:32:04	Report	Sent
Redness At The Injection Site Alert	Redness at the injection site	18-Mar-2025 16:01:35	Electronic Diary	Sent
Shivering Alert	Shivering	18-Mar-2025 16:01:35	Electronic Diary	Sent
Arthralgia Alert	Arthralgia (Joint pain)	18-Mar-2025 16:01:35	Electronic Diary	Sent
Fatigue Alert	Fatigue	18-Mar-2025 16:01:34	Electronic Diary	Sent
Redness At The Injection Site Alert	Redness at the injection site	18-Mar-2025 15:56:07	Electronic Diary	Sent
Headache Alert	Headache	18-Mar-2025 12:39:14	Electronic Diary	Sent
Fever Alert	Temperature	18-Mar-2025 12:39:12	Electronic Diary	Sent
Weekly / Fortnightly contact alert	Dynamic form response	18-Mar-2025 11:30:08	Report	Sent

Showing 1 to 10 of 10 entries << < 1 > >> 10 ▾

## Email example

Subject DA01 reported a grade 3 Headache  Inbox x

 **tp2admin@integrait.co** via [amazonses.com](#)  
to me ▾

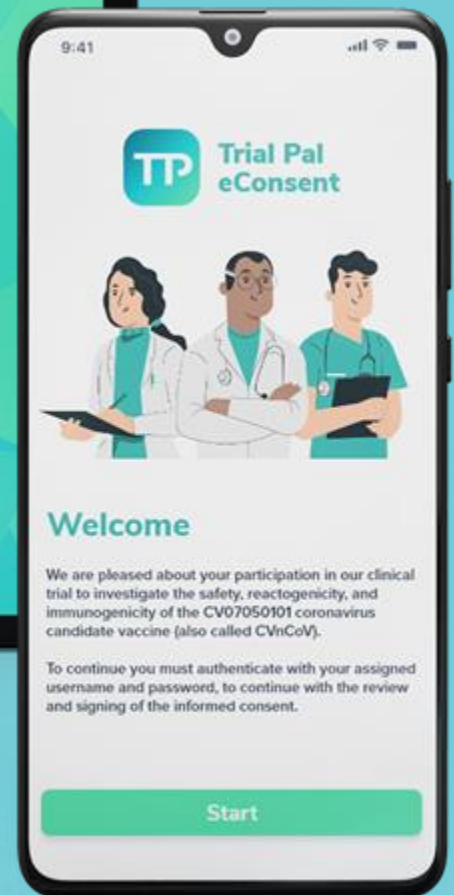
Thu, Jun 2, 5:11 PM

Subject DA01 reported a grade 3 HEADACHE



# Trial Pal eConsent

**Digital informed consent  
responsive solution for  
subjects.**



GET IT ON  
**Google Play**



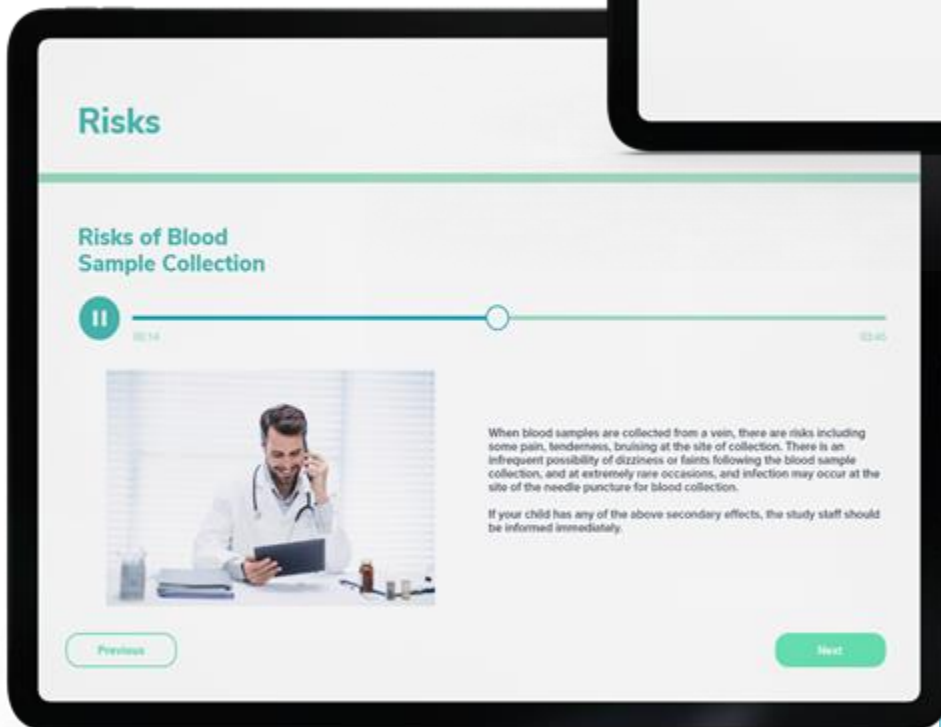
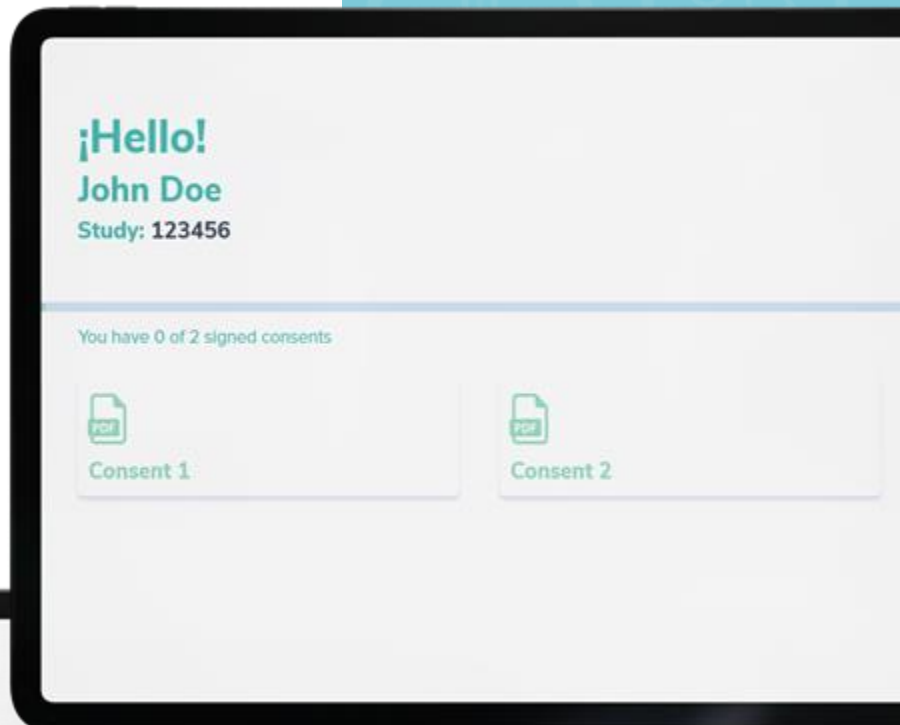
Download on the  
**App Store**

# TrialPal eConsent

## Our Newest Solution

### What do we offer?

- **Interactive multimedia electronic consent:** Presenting all the informed consent information dynamically with multimedia assistance.
- **All the subject consents in one place:** All the pending Informed Consent stored on the database are shown on the solution so the subject can fill all of them one by one.





# TrialPal eConsent

## Our Newest Solution

### What do we offer?

- All the consent divided into sections and with test to prove if the subject had read all the quotes, making them pass the test before advancing.
- With an electronic signature: At the end, when all the sections are filled correctly, the patient will be able to sign the informed consent electronically to approve it.

A screenshot of the TrialPal eConsent interface. At the top, there is a large teal circle with a white question mark. Below it, the text "Choose an answer" is displayed. The question is: "Why do you have to stay in the clinic with your child for at least 30 minutes after the vaccination?". There are four radio button options: "You have to eat something at the cafeteria", "Because your child has to take a nap after the vaccination", "Due to an allergic reaction called Anaphylactic reaction" (which is selected and highlighted in green), and "The bad weather could ruin your hair".

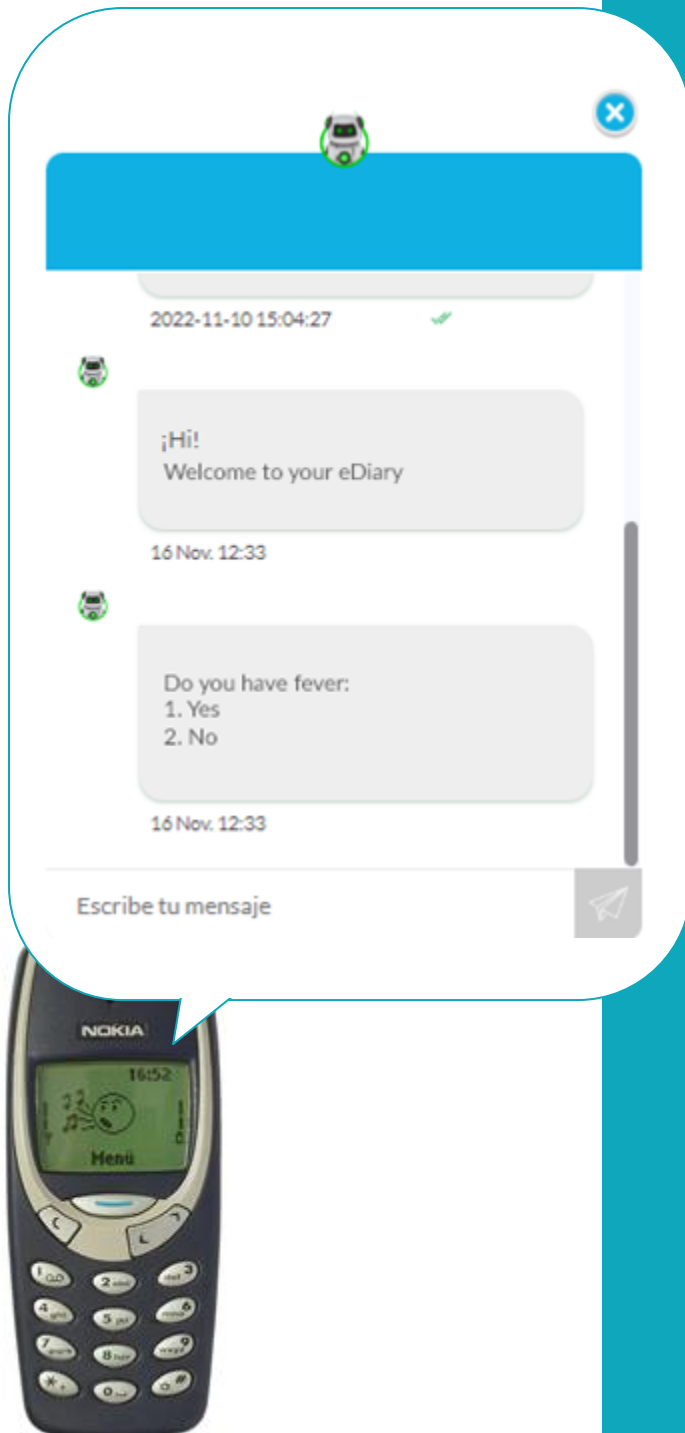
A screenshot of the TrialPal eConsent interface showing the "Patient Information" section. It includes two input fields: "Full name" with the value "John Doe" and "ID" with the value "1234567890". Below these fields is a large rectangular box containing a stylized electronic signature. At the bottom right of the screen, there is a green button labeled "Next".

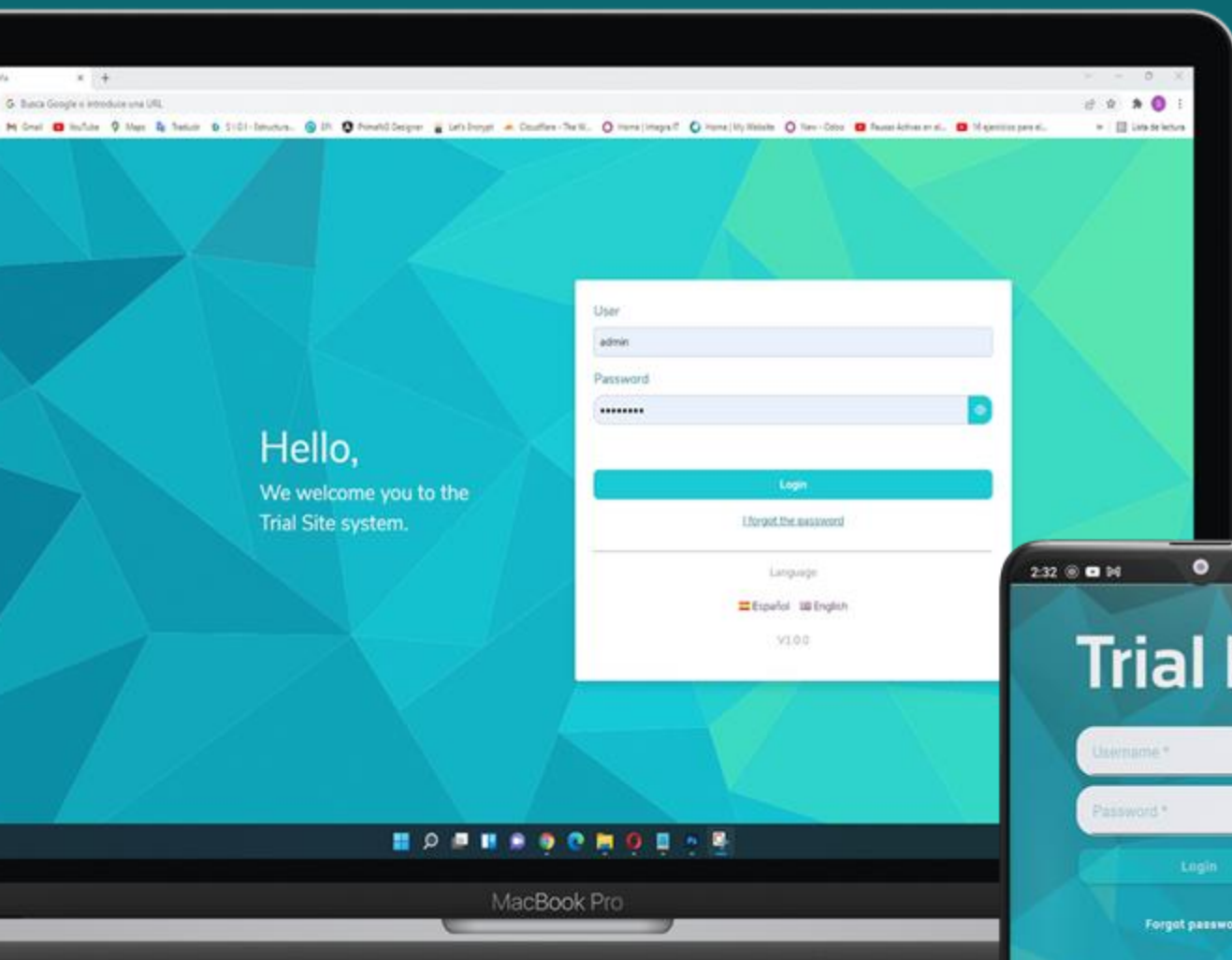
# Integra's USSD

Integra IT has innovated to develop a new data collection channel option for the TrialPal (eCOA/ePRO) solution through a USSD dial pad flow.

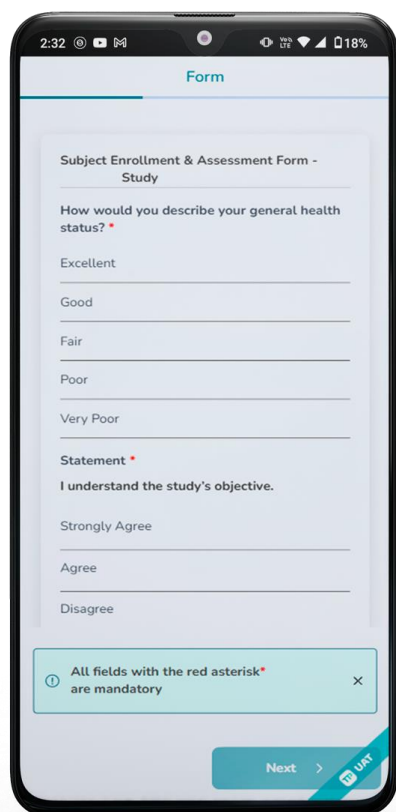
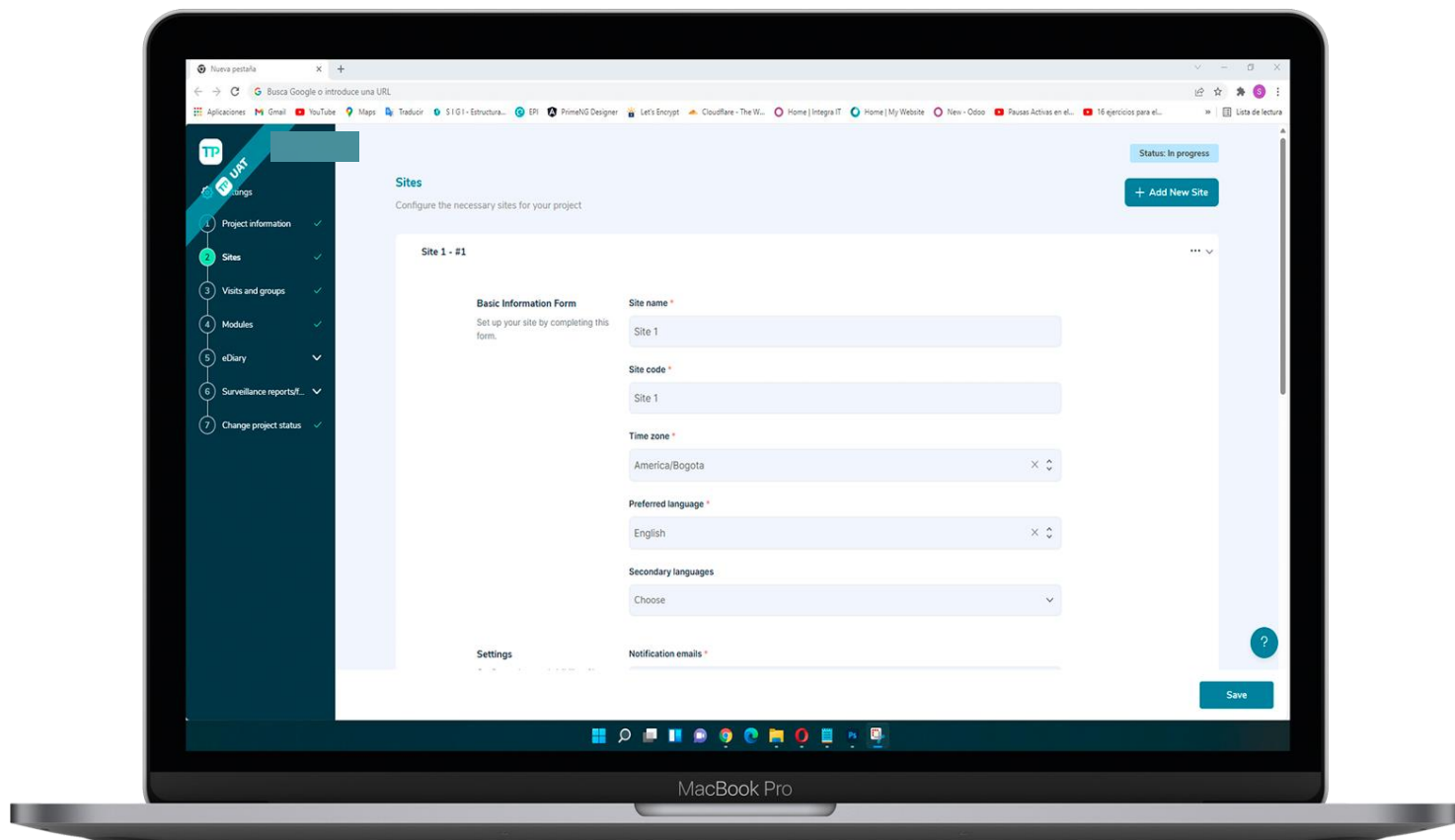
**USSD (Unstructured Supplementary Service Data)** is a mobile communication channel that doesn't require an internet connection, just a telecom network to capture data. This channel opens ePRO/eCOA possibilities in countries or regions lacking internet coverage. USSD allows reaching more participants, more diverse, through cell phones (no smartphones) by a BYOD or device provision model; thus reducing **operational costs and technology adoption barriers**.

This channel has shown significant benefits in regions like Sub-Saharan Africa, where it is used for banking and other services, gaining trust and comfort among the population and bringing access to basic digital services.





# Trial Pal Benefits.



# Self-Customizable

Your team can configure any form to be aligned with the protocol in just one hour, with step-by-step user guides available throughout the platform to make the setup process easier and more intuitive.

# User-friendly

It asks simple questions and sends the required information in less than a minute. Includes elderly population format.

Symptoms

Erythema/redness at the injection site

Show measurement instructions ?

Erythema/redness in cm \*

0 . 4

Change reason \*

Select

All fields with the red asterisk\* are mandatory

Back Next > UAT

New Other symptom/illness

Symptom/illness \*

Intensity \*

Select

Did the symptom or illnesses require a visit to health care professional? \*

Select

Do you remember the start Date? \*

No Yes

Do you remember the finish Date? \*

No Yes

All fields with the red asterisk\* are mandatory

Cancel Save UAT

New medication

Medication name \*

Administration route \*

Reason \*

Dose \*

Do you remember the start Date? \*

No Yes

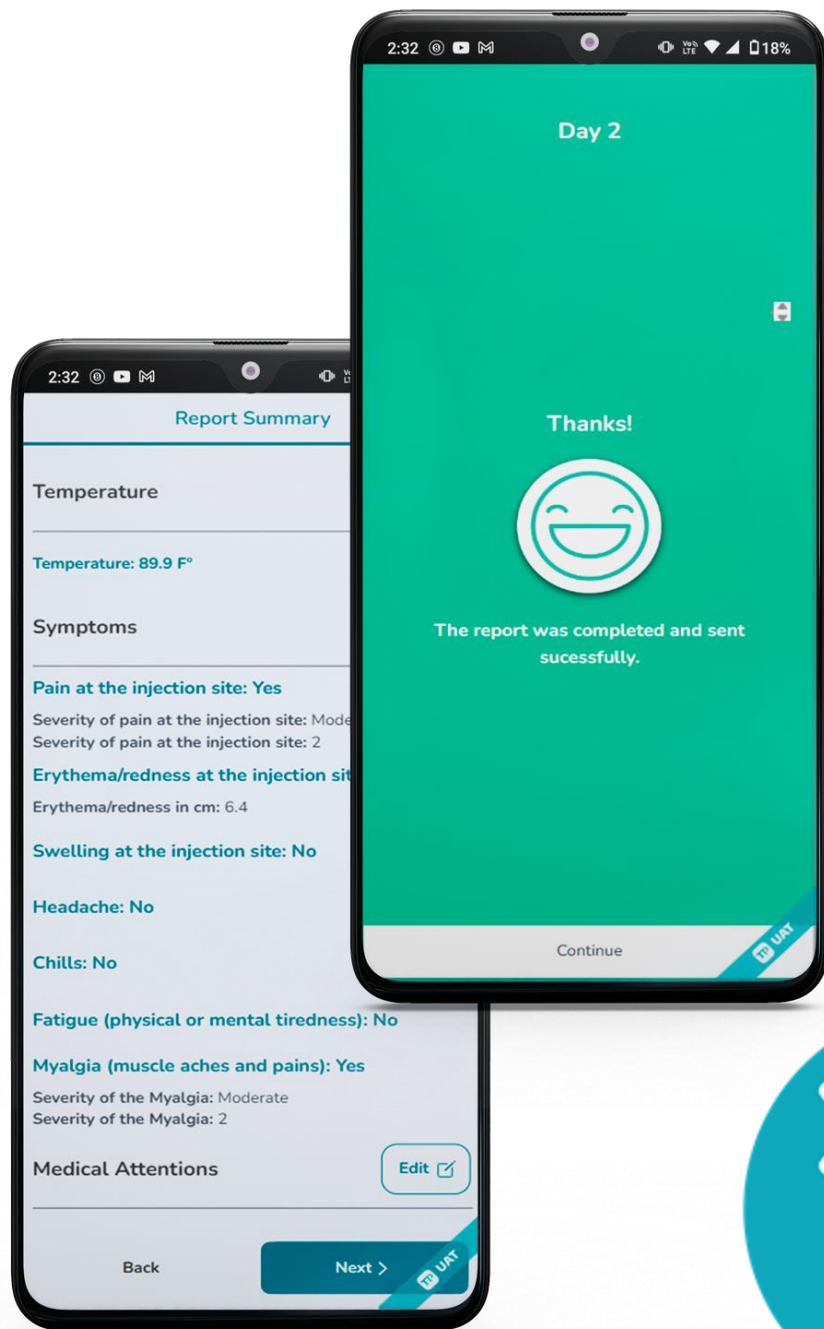
Do you remember the finish Date? \*

No Yes

All fields with the red asterisk\* are mandatory

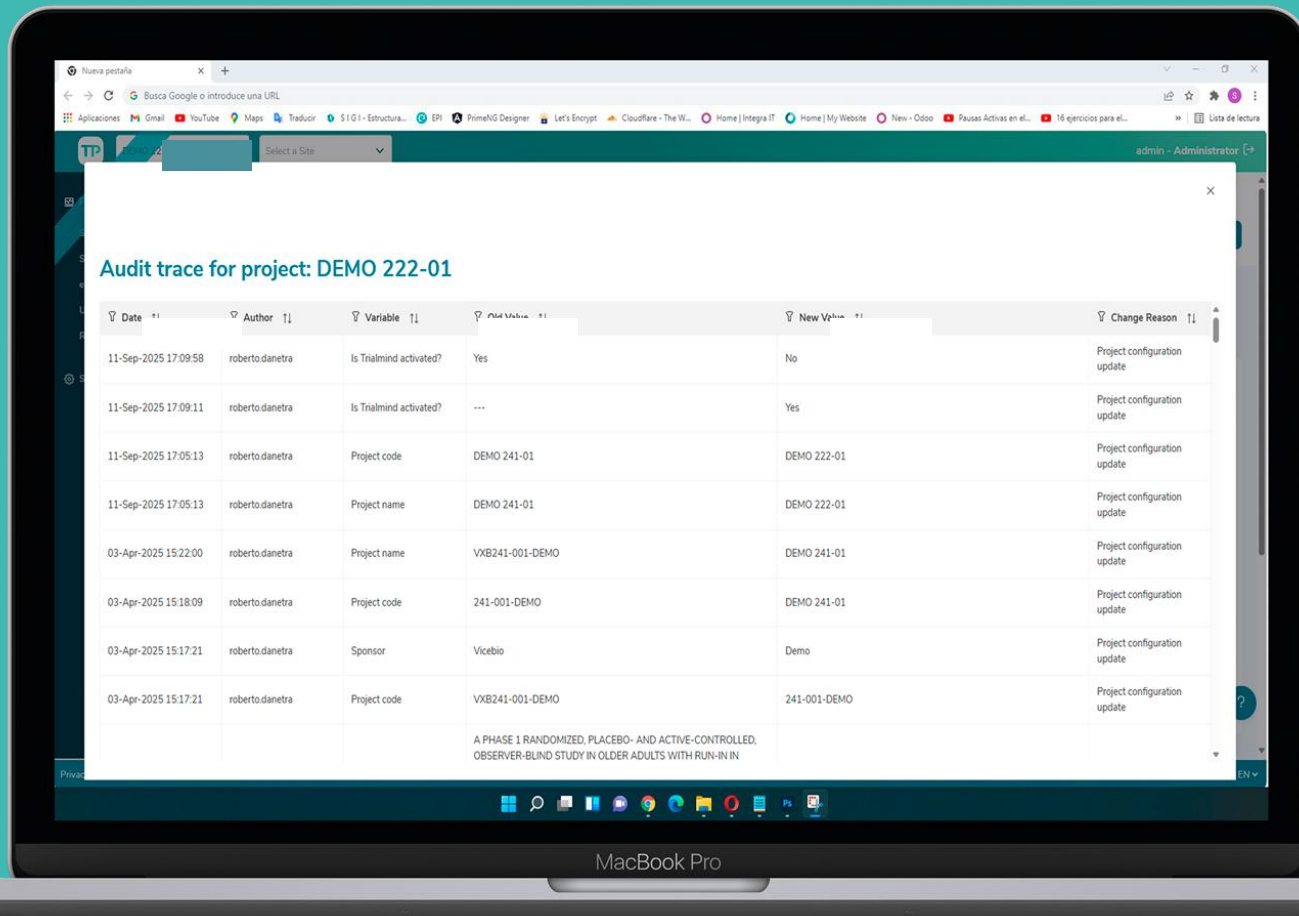
Cancel Save UAT





# No internet-No problem

The app saves the report on the device and once it is back online all the pending data will be sent automatically.



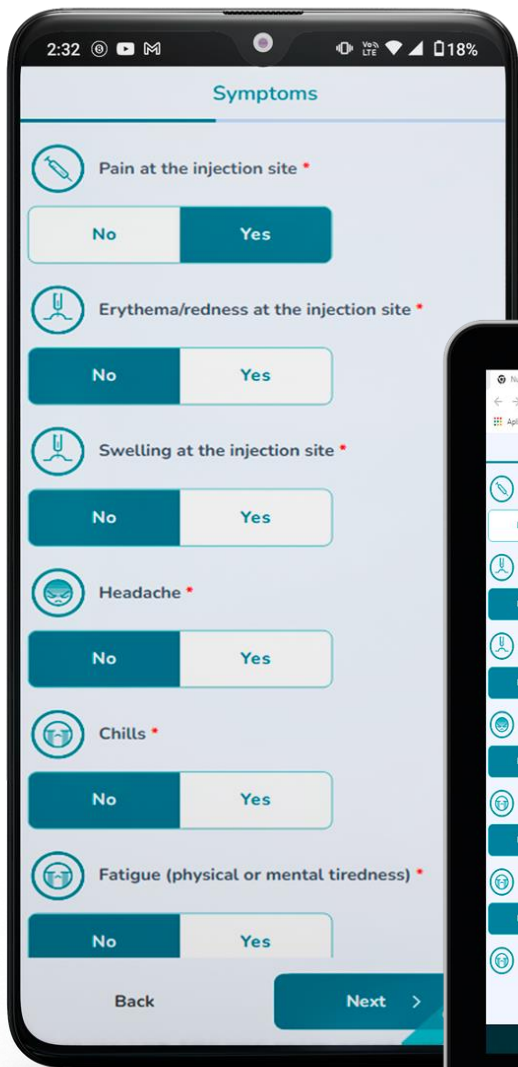
# Traceability

All the information from subjects is stored, encrypted and compliant with all industry's guidelines providing audit trail with who, when and what was changed.

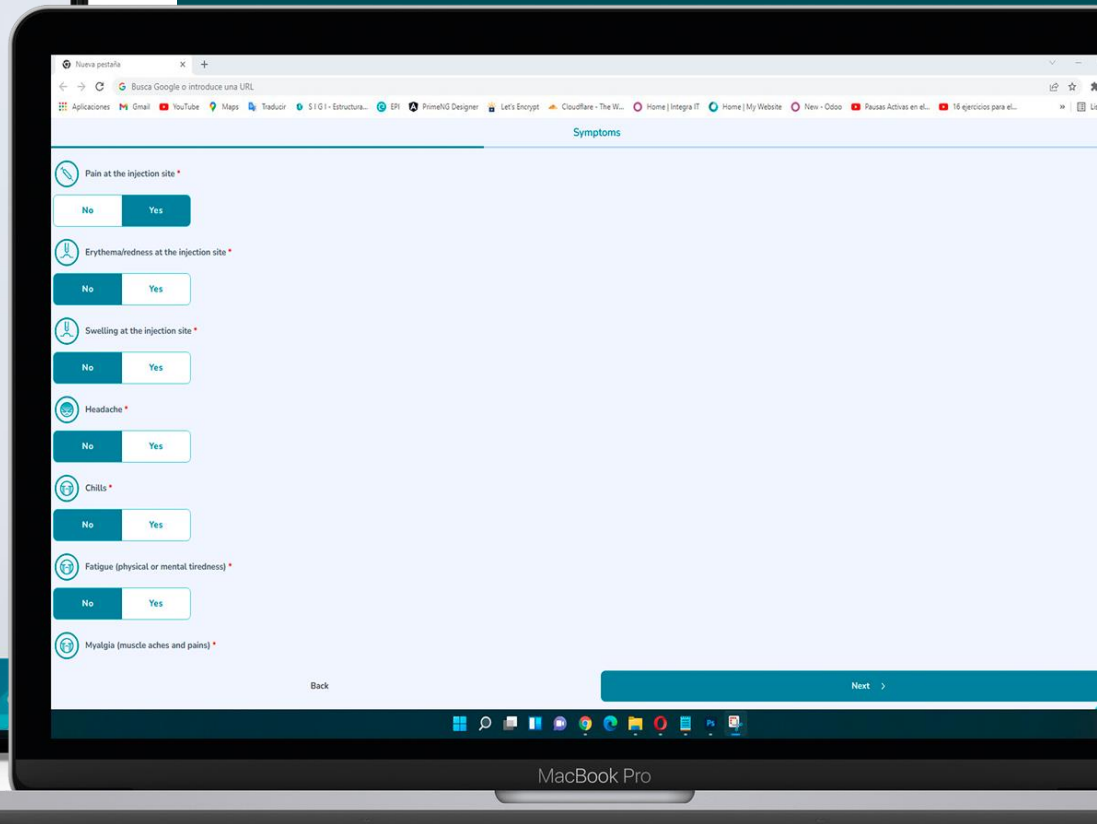
# Any device

Both web and mobile application options available so patients can always send reports.

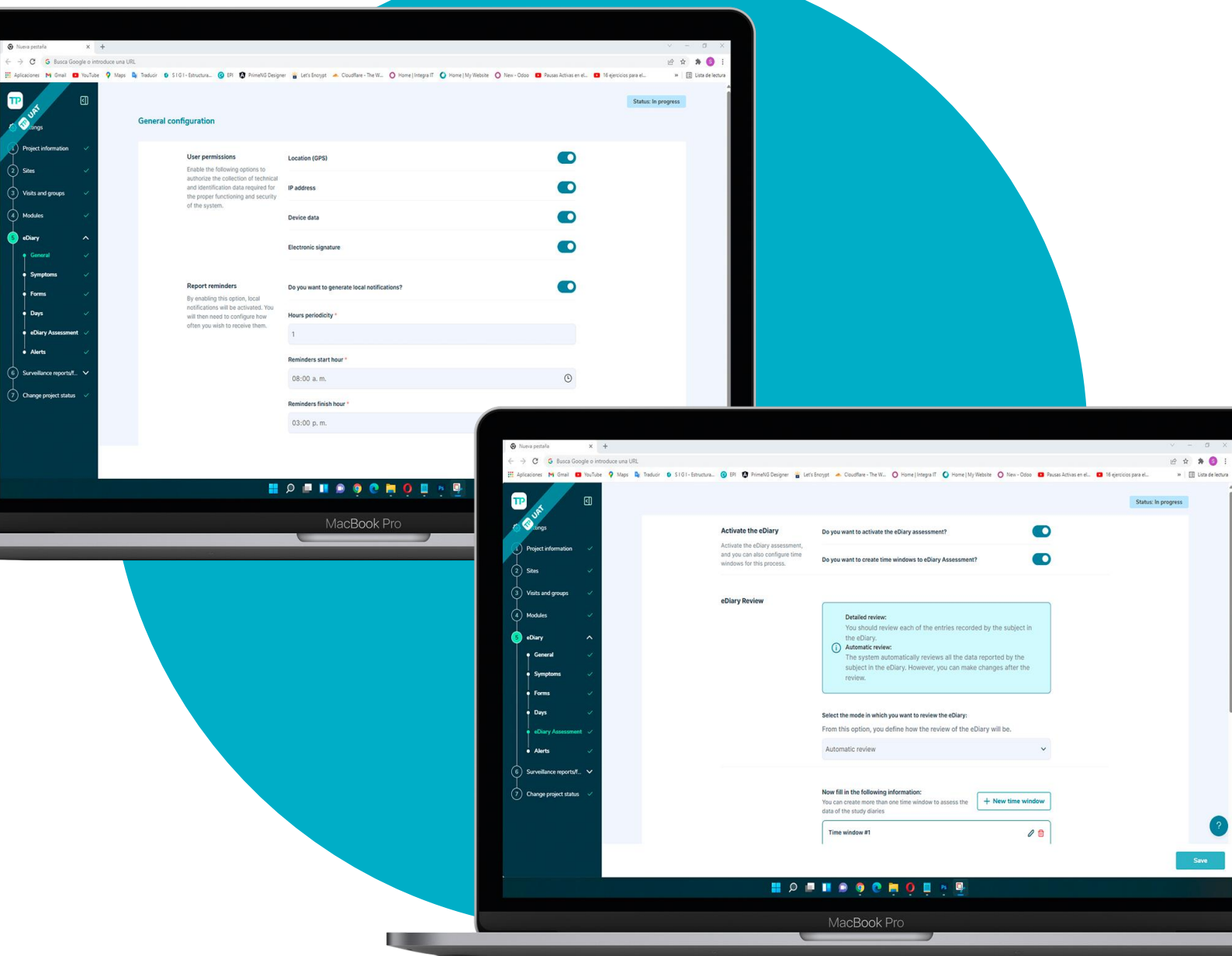
Mobile application is suggested for Latin America, considering the ability to report even without internet connection.



The smartphone screen shows the 'Symptoms' section of the mobile application. It features a list of symptoms with corresponding icons and 'No'/'Yes' buttons. The symptoms listed are: Pain at the injection site, Erythema/redness at the injection site, Swelling at the injection site, Headache, Chills, and Fatigue (physical or mental tiredness). At the bottom, there are 'Back' and 'Next' navigation buttons.



The laptop screen shows the 'Symptoms' section of the web application. It features a list of symptoms with corresponding icons and 'No'/'Yes' buttons. The symptoms listed are: Pain at the injection site, Erythema/redness at the injection site, Swelling at the injection site, Headache, Chills, Fatigue (physical or mental tiredness), and Myalgia (muscle aches and pains). At the bottom, there are 'Back' and 'Next' navigation buttons. The laptop is identified as a MacBook Pro.

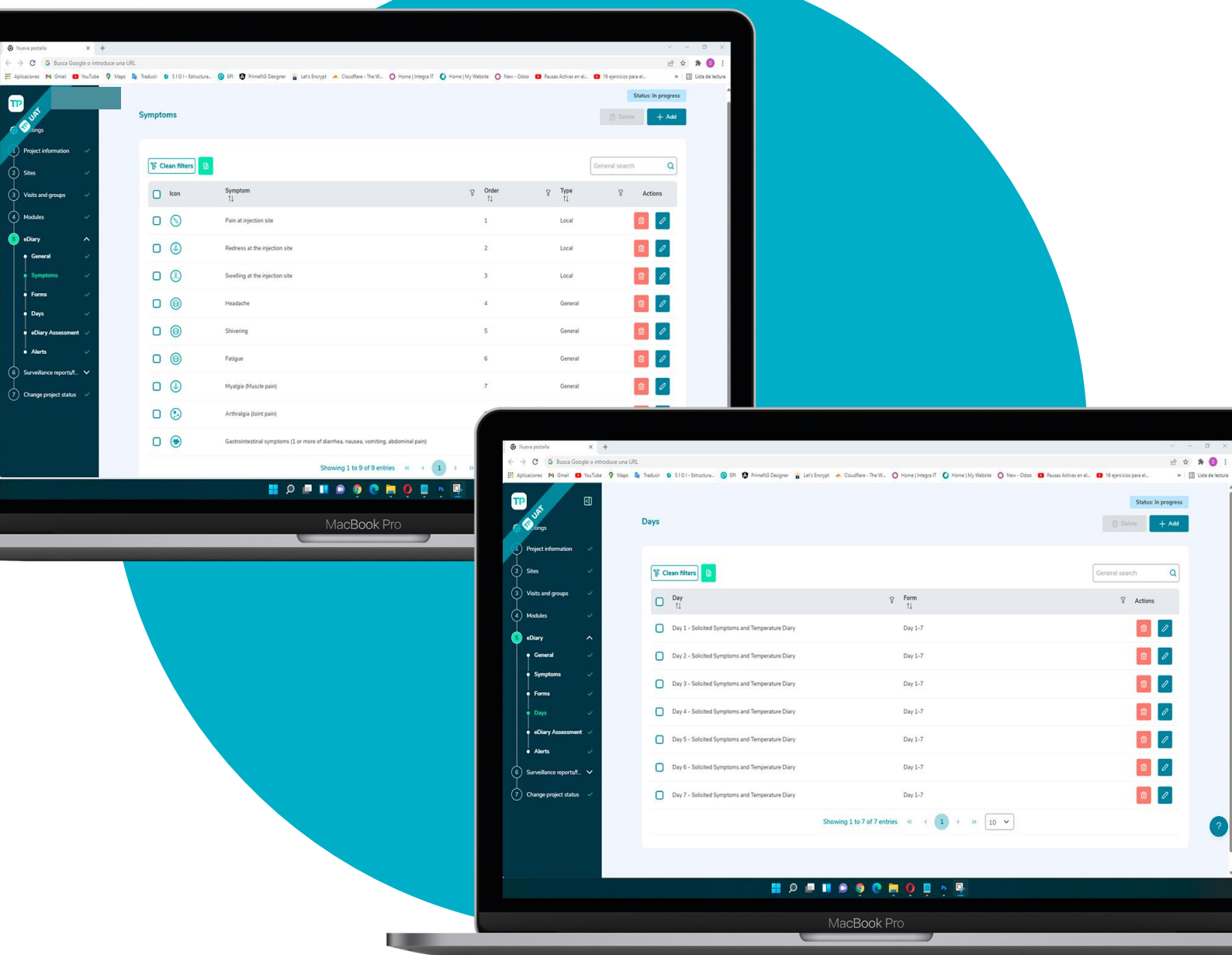


# eDiary Screenshots

eDiary Screenshots submission in 2 to 3 days.

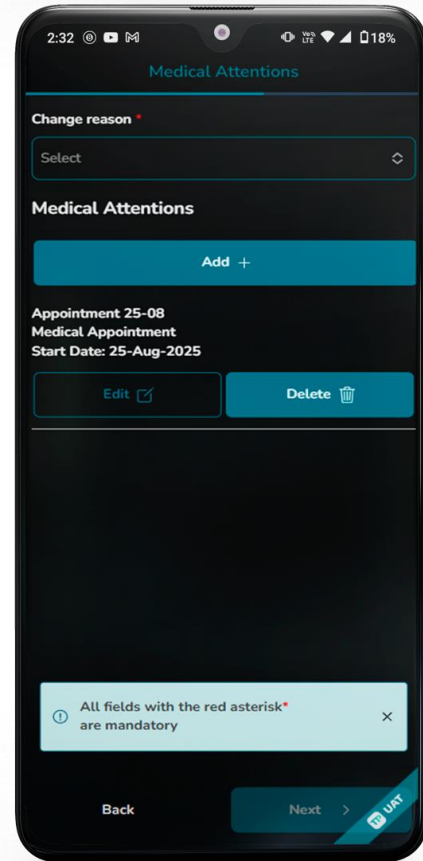
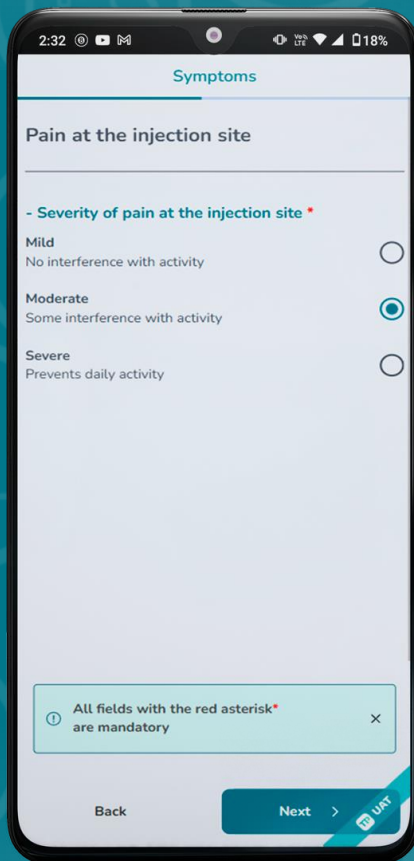
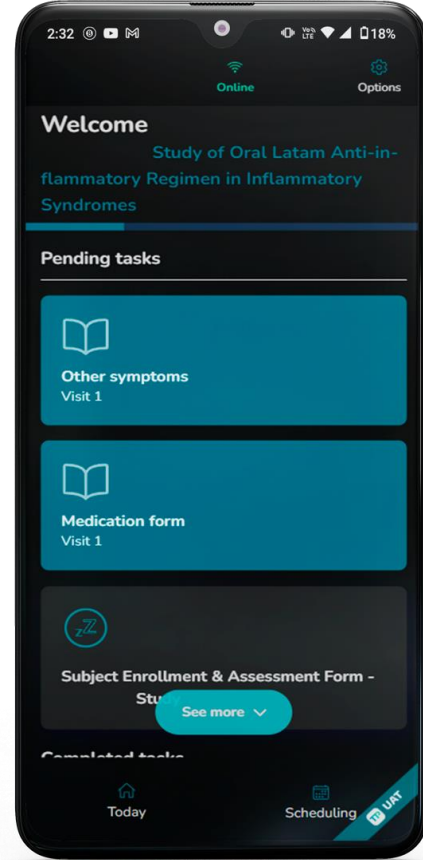
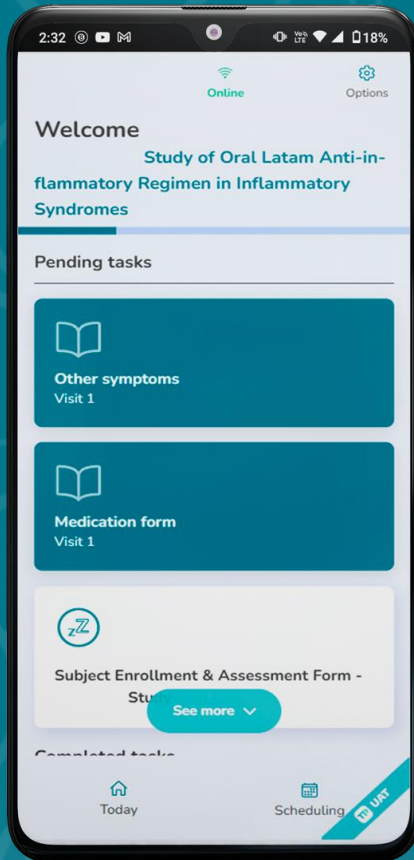
# eDiary Setup

eDiary setup services for UAT in 5 days after receiving study protocol.





# Light and Dark mode



# Customer Success Story.

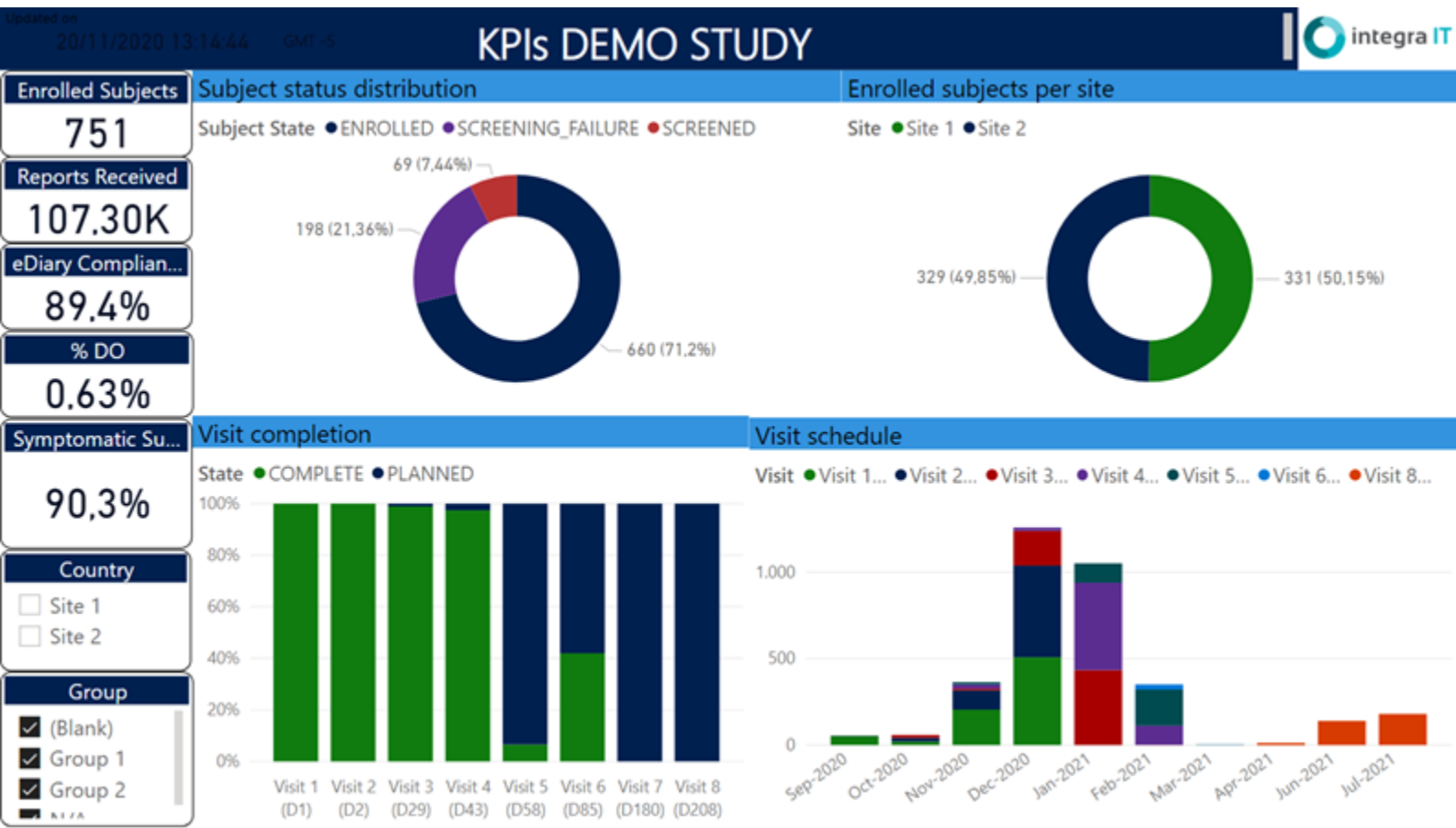
A German sponsor for a Phase II Covid-19 study with a Global CRO, conducted a Phase 2 dose confirmation clinical trial to evaluate the safety, reactogenicity and immunogenicity of the COVID-19 vaccine. Peru enrolled 335 participants over a 3-month period.

The information gathered from this group of volunteers was collected using TrialPal developed by Integra IT.

## Lessons Learned

- Thanks to the experience with our application in this Covid-19 study, the site was better prepared for the Phase III study which included thousands of subjects, as well as the management of applications.
- As reported by the site, the Integra applications used for the study were very easy to use and had much more information accessible to investigators and participants, allowing timely decision-making.
- Integra IT support directly on site during the enrollment process facilitated patient engagement, training and cell phone provision when BYOD was not an option. This worked even at the beginning of the study when the health context of the pandemic made it complicated.

Real time reports similar to this one as part of the DSMB, helped evaluate safety findings in a Polio Study, in order to approve [within one day](#) the continuity of the study.





# Security in Software as a Service.

Our solutions are offered under a Software as a Service (SaaS) secure model. This means that your data is hosted on a private server with the latest technology and safety, following the highest industry standards such as HIPAA, FDA 21 CFR Part 11, ITIL, ICH and ISO 27001.

# Our Experience.

Our company was created to develop and operate complex trials for the health and clinical research industries. Our team, processes and strategy are focused in helping clinical trials sites and CROs implementing technology solutions such as mobile Apps and web platforms.

Our main goal as a company is to support our customers in improving their data collection processes, reduce the communication gaps with their subjects and improve their clinical trials operations from subjects recruitment (CRM) to billing according to Study milestones.

**+58.000**  
**participants**

## Diseases

- COVID-19
- Chikungunya
- Polio
- Dengue
- Herpes Zoster
- Pertussis
- Hepatitis A
- Norovirus
- Meningococcus
- Rotavirus
- RSV
- Diabetes
- Fabry
- Hereditary angioedema
- Prostate Cancer (RWE)
- Flu
- Breast Cancer (RWE)
- Sexual Arousal Disorder
- Asthma (RWE)

## Some of our Clients

- AstraZeneca
- Oxford University
- OPS
- Takeda
- Bill & Melinda Gates Foundation
- MINSA Panama
- FIDEC
- GSK
- JSS Research
- PPD
- University of Colorado
- Asesorías Médicas Integral a los Niños
- ASSIGN
- AJ Vaccines
- Shire
- Vax Trials
- Cevaxin
- Mainz University
- p95
- Afidro
- PAI in Panamá
- Valneva
- Clover
- Medigen
- HilleVax
- CureVac
- Botucatu City in Brazil
- Brazil Site Network
- Policlínico Social del Norte
- Instituto de Investigaciones Clínicas Mar de Plata

## Locations



Colombia



United States



Chile



Panama



Dominican Republic



Lithuania



Guatemala



Germany



Philippines



Honduras



Turkey



Peru



Brazil



Persian Gulf



Saudi Arabia



India



Argentina



Thailand



Paraguay



Puerto Rico



Mexico

## Clinical Trial Stats

1.405.855

Activities  
Managed

148.972

Visits  
Managed

524.093

Subject  
Follow-ups

11.498.107

RECEIVED  
REPORTS.

Tested with millions of records in a multicountry, multisite and multilingual configuration.

16.269

Lab samples  
managed

846.193

Forms.

423.848

MOBILE APP  
RECORDS

Over time we have improved patient experience including elderly population with eDiary adherence over 95%.

## Our clients speak for us





# integra IT

We'd like to hear from you and your challenges. Click here to schedule a Demo with our product representative:

[Schedule a Demo](#)

For more information visit:

[www.integrain.co/solutions/trialpal-epro-eco/](http://www.integrain.co/solutions/trialpal-epro-eco/)

Or write to:

[contact@integrain.co](mailto:contact@integrain.co)