

WANDA INFORMATION NOTE

BACKGROUND

The software tool within REAct used to be Martus. Martus is an open source software tool developed in 2003 by Benetech (www.benetech.org). After 15 years, Benetech has decided to phase out Martus because ‘Martus has already surpassed most reasonable expectations for software longevity’ and thus its technological features are becoming obsolete in view of the technological advances that have taken place since Martus’ development’. More information on Benetech’s decision to phase Martus out can be found here: <https://benetech.org/martus-sunsets-human-rights-data-collection/>. Although Benetech has committed to supporting existing Martus users, it has also indicated that there could be vulnerabilities to data safety that are still not visible, and encourages organisations using Martus to consider finding other options and transition to new, and more up-to-date systems. It is in this context that Frontline AIDS commissioned a consultant to review the field of human rights documentation tools available, and assess them according to the functionalities required for REAct. After a thorough review, Frontline AIDS has decided to develop REAct in Wanda/DHIS2.

WHAT IS WANDA?

Wanda is an online monitoring and reporting system that has been developed using DHIS2 . DHIS2 is an open source software platform enabling governments and organizations to collect, manage and analyse data in the health domain and beyond. DHIS2 is being used by ministries of health in countries around the world and also by organisations such as MSI, PEPFAR, PSI and IPPF.

Wanda is a web-based system (DHIS2) that allows partners to track and document cases of human rights abuses and violations. Wanda can be accessed using your normal computer/ laptop as well as through an app using an Android mobile phone or tablet. It can be used both online and offline.

POTENTIAL BENEFITS OF WANDA IN REACT

1. Evidence provided in real-time is useful in making timely strategic decisions and planning. Continuous interrogation of human rights data is critical to inform human rights programming and advocacy plans. Wanda will provide real-time evidence for making timely and informed decisions.
2. Wanda will provide central storage for all evidence of human rights abuses and violations (obtained from routine monitoring), as well as tracking progress against Global Fund human rights M&E indicators.
3. Wanda will make it relatively quick and easy to aggregate and compare the quantitative and qualitative data submitted by partners. Whilst qualitative data can never be automatically aggregated, Wanda can help bring together and produce different views of the data to aid analysis.

DHIS2 FUNCTIONALITIES

Affordability	<ul style="list-style-type: none"> • Hosting options: choose own host¹ or contribute % to Frontline AIDS instance of Wanda • Consultants: available widely globally- in every region where we work, costs vary • Free open source software
Sustainability	<ul style="list-style-type: none"> • Well established and long running system with very wide adoption globally • User-friendly customisable system. • Infinitely scalable. • No licenses required.
Accessibility	<ul style="list-style-type: none"> • Can be used with basic training • Offline features

¹ Examples of DHIS2 hosting costs (as quoted for Frontline AIDS initial DHIS2 RFP): Linode \$160 / month, HISP Cote d’Ivoire \$800 / month, BAO \$80 to \$400 / month, HISP SA \$427 / month (but multiple instances costs reduce)

	<ul style="list-style-type: none"> • Mobile app available which works offline
Case management	<ul style="list-style-type: none"> • Can store and analyse other surveys • Can track cases anonymously • Can track follow up actions. • Links needs to providers
Data management	<ul style="list-style-type: none"> • Allows skip patterns. • Has required/optional data field settings. • Can set different roles with different access and functionality. • Can store document and audio file types. • Has user change log. • Has data validation rules.
Analysis and reporting	<ul style="list-style-type: none"> • Pre-set reports can be built by project admin / system admin but also custom reports can be created by individual users • Allows basic and sophisticated analyses. • Can produce reports with cross tabulation. • Has data visualisation. • Allows for disaggregation • Allows basic users to analyse and create reports.
System features	<ul style="list-style-type: none"> • Allows users to stay logged into their mobile device (with data stored offline) but the app is protected by a PIN so that no one can access it. User can also enter their username and password if they forget their PIN • User interface available in many languages and can be translated into others. • Encryption can be built in. • Audit logs will now retain information on users that read enrolments, whether or not they change or enter data. • You can now enable two-factor authentication for your DHIS 2 user. This lets you to enable a secondary authentication step for improved performance, using a TOTP based authentication app such as Google Authenticator. • Interoperable outputs. • User-friendly interface. • Customisable forms in different languages and scripts. • Free upgrades and maintenance. • Safe online if set up with appropriate measures and hosted by secure hosting service. • GDPR compliant if system set up correctly. • Can add visual branding. • User interface can be translated to local languages by user.
Uniqueness	Designed for multi-level data sharing, management, analysis and reporting but with many additional features.
Customisation	Set up would have to be on secure servers with data traffic encrypted by someone with technical expertise.