

Martus

Helping human rights advocates protect, manage, and effectively utilize information



Partnership with Benetech, a non-profit organization that develops and supports Martus, secure information management software for human rights monitoring.

Benetech: Technology Serving Humanity

Benetech Initiatives:

- Global Literacy– Bookshare
- Environmental Conservation – Miradi
- Human Rights Program – Martus
- Benetech Labs – Social Coding for Good



Benetech creates and develops new technology solutions that serve humanity, empower people, and address social justice questions. Benetech has several initiatives. The Global Literacy Program centers on Bookshare, a program for people with vision and reading disabilities. As part of this project, Benetech has formed the world's largest accessible digital library of scanned material. The Environmental Program has created a project management tool called Miradi especially for environmental conservation projects. The Human Rights Program at Benetech produces Martus, a free and open source secure documentation software that allows users to encrypt, search, analyze, and back up their data to a secure network of servers. Providing the capacity to securely document stories of human rights abuses, Martus protects the identities of witnesses and promotes the safety of human rights defenders. Currently available in 12 languages, Martus has been downloaded in over 100 countries, and Benetech has trained Martus users in over 40 of those. The demand for Martus technology and training is rapidly growing. Our Mobile Martus app for Android was released in September 2013, which is exciting and provides capacity for unobtrusive, secure mobile data collection. Martus is the Greek word for witness. And Benetech's most recent initiative is Benetech Labs, an incubator project to identify big ideas and possible solutions to today's major challenges. It's where we begin to develop new technology—or enhancements to our existing technology—so that, ultimately, we can launch successful, useful, relevant tech tools for social good.

Benetech Human Rights Program

A nonprofit organization

Martus – Secure human rights information
management software

Martus Outreach and Support Team:
info@martus.org & help@martus.org

<https://www.martus.org>

<http://www.benetech.org>



Benetech is based in Palo Alto, California and is a non-profit organization. Benetech is funded through the support of foundation and government grants as well as donations from individuals. The Human Rights Program is composed of six full time staff as well as associated engineers and trainers that develop Martus, provide support to Martus users, and conduct outreach and training on Martus to those who would like to learn to use the program. The Benetech Human Rights Program released the first version of Martus in 2003 and has trained and supported Martus users all over the world since then.

You can contact the Benetech Human Rights Program with questions or for assistance with troubleshooting Martus at any time by emailing help@martus.org or info@martus.org.



Information: An Advocate's Vital Asset



National Police Archives, Guatemala City, Guatemala

Information is a human rights advocates greatest asset, but it must be protected and properly utilized. To better understand why Benetech developed Martus, let's start in Guatemala. This is a picture of the National Police Archives in Guatemala containing millions of pages of police records that detail many of the happenings during Guatemala's long internal conflict in the 1980s and 1990s, including about torture, killings, detentions, and other illegal practices committed by state authorities, largely against the Mayan peoples of Guatemala. You may have heard in the news that one of Guatemala's former leaders was sentenced for his role in carrying out genocide during this time. The National Police Archive, and the information accidentally discovered within it nearly 10 years ago, was instrumental in providing the evidence necessary for the verdict. But, as one can see, this pile of evidence is vulnerable to theft, loss, and easy destruction. In paper form, it is also not easily searchable or possible to analyze. The National Police Archives painstakingly preserved and digitized this warehouse full of information and safely stored samples of the data in Martus in order to be able to preserve it, secure it, make it searchable, analyze it, and transform it into powerful evidence. That evidence helped provide the proof that led to a verdict of a prison sentence of 80 years for genocide and crimes against humanity for Guatemala's former leader. One of the keys was securing the data, and that's where Martus came in.



The Wish List

- Easy to use
- Affordable
- Easy to customize
- Flexibility with data sharing
- Backup servers for safeguarding information
- Ability to search and report on information
- A way to publicize public data on the Internet

Benetech designed Martus to serve organizations and situations like the National Police Archives, in which human rights advocates and defenders need to preserve, backup, and secure their information— keeping unauthorized viewers out while at the same time being able to get their information back in the event of a theft or attack. When Benetech asked its human rights partners what they would need from an information management program designed specifically for human rights, they gave Benetech this wish list. They said that the program would need to be:

Easy to use

Affordable

Easy to customize

Offer flexibility with data sharing

Include backup servers for safeguarding information

Provide the ability to search and report on information

Provide a way to publicize public data on the Internet



The Martus Human Rights Bulletin System

- Free
- Open source
- Secure
- Information management system

So, Benetech created Martus to meet all these needs:

- In its efforts to make Martus as widely accessible as possible, Martus is absolutely free and can be downloaded on the <https://martus.org> website.
- Martus is also open-source, which means that the program's source code is published and freely available for anyone to use, review, or build upon, as well as verify that the software does exactly what it says it does. Open source software means you don't have to trust the developers—you can verify that you both have the *real* software *and* that it actually does what it says it does. You can contrast this with Skype for example. Skype uses encryption and it's free, but it is owned by Microsoft, we can't see the code behind the software, and therefore we can't verify that it does what it says it does. Contributing to and drawing on the open source community is an important part of who Benetech is.
- Martus prioritizes security and uses standard encryption, like that which is often used by banks or sites like Google.com. Encryption is a way to obscure data so that it is only readable by authorized people.
- Finally, Martus offers a way to store, standardize, organize, search, and share digital information, making it a useful tool to transform *information* into useful *evidence*.



Centre for Human Rights and Rehabilitation

'The Noble Cause is Evident in People Themselves'



ထိုင်းအခြေစိုက် အနာမီ
ခုက္ကသည့်များအားဆက်လက်ကူညီပံ့ပိုးနေခြင်း
Grassroots HRE 9 January 2005, 18: 20
၂၀၀၅ ခုနှစ် ဇန်နဝါရီလ ၁၃ ရက်နေ့က ကိုဗုဒ္ဓေရမ် (Grassroots HRE & JI
Thailand) ၊ ကိုဇာဘင်မိုဗင်း (HREIB) မပြင်ပြန်ခန်း၊
ကိုဇာဘင်မိုဗင်း (GHREDC) ၊ ထိုင်းနိုင်ငံဆောင်ပိုင်



GUATEMALA
MEMORIA DEL SILENCIO
TZ INIL NA TAB AL
CEH



COMISIÓN COLOMBIANA DE JURISTAS

Organización no gubernamental con status consultivo ante la ONU
Filial de la Comisión Internacional de Juristas (Ginebra) y de la Comisión Andina de Juristas (Lima)



Civil Society Coalition
On Human Rights
And Constitutional Law

equitas

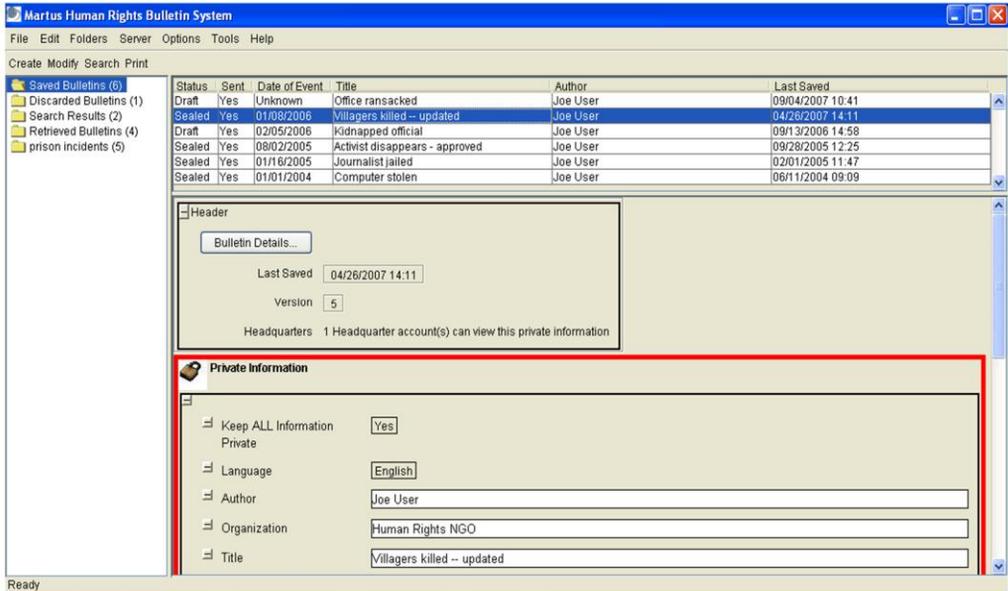
Equipo Colombiano Interdisciplinario de Trabajo Forense y Asistencia Psicosocial



These are some of the logos of the many organizations that have worked with the Benetech Human Rights Program over the last ten years. We look forward to working with you!



The Martus Workspace



The following screenshots offer a quick visual overview of the functionality of Martus, but an in-person training can provide more examples of how Martus can be used successfully for your project.



Create bulletins to save information in Martus

Create Bulletin

Header

Bulletin Details...

Version 1

Headquarters 1 Headquarter account(s) will be able to view this private information

Public Information

- Keep ALL Information Private
- Language English
- Author Joe User
- Organization Human Rights NGO
- Title
- Location
- Keywords
- Date of Event
 - Exact Date
 - Date Range
- Date Created 09/13/2007
- Summary
- Details

Save Sealed Save Draft Cancel

Martus data entry format templates are customizable, so you can shape your form to match the data you are collecting and any interview/intake forms you are already using. Martus allows various field types, including text fields, drop down menus, checkboxes, grids (tables), date and date range fields, among others.



Attach any type of file to a Martus bulletin

Attachments

Name	Size(Kb)
prison report.doc	19

Examples:

- Photos
- Scanned images
- Text files
- Spreadsheets

For each Martus bulletin, you can attach as many files you would like, of any size, and of any file type. This includes video files, but remember, when backing up to the server, sending a video over the internet will be expensive and will take a long time (imagine uploading a 1gb video file to Dropbox or Google Drive – same thing when ending a Martus bulletin with a 1gb file attached).



Keep some of your information completely private

 **Private Information**

Private

Three individuals from the organization spoke with me on the condition of anonymity. They provided additional photos, which provide evidence that the abuse actually occurred. Those photos are attached here.

Attachments

Name	Size(Kb)
P5190097.JPG	192
P5190098.JPG	186
P5190099.JPG	177

On your computer, all of the data in your Martus account is stored encrypted, so that only you or someone you designate can read it. You can choose to publish some of this information to the Martus public search engine if you like, or ensure that all of your data NEVER shows up on the search engine. In Martus, a red border around a bulletin section means that information is PRIVATE, which means it will never show up on the Martus search engine. If the border around a section is grey, then once sealed and saved on the server, the information in that section will be available on the open internet. This includes attachments within the bordered areas—any attachments inside a grey/Public section will appear on the Martus search engine once the bulletin has been saved to a Martus server. On every bulletin, there is a section that can be Public or Private, and a section that is ALWAYS Private. Most Martus users do not ever make any data public, but some do.



Martus: Secure by Design

Martus uses a well-established form of encryption also used by:

- Banks
- Commercial websites
- Security products such as PGP
 - (Pretty Good Privacy: <http://www.pgpi.org/doc/overview/>)

The same encryption methods that major banks and commercial websites use to protect their data are employed by Martus. PGP is an open source standard that has been around for many years, and Martus uses the same methods.



Encryption

MARTUS automatically encrypts your information and backs it up via a secure (SSL) connection over the Internet to a Martus server of your choice.

Martus encrypts private bulletin data in multiple ways. It encrypts the DATA on your machine, before it's ever sent to a server. And, it encrypts the CONNECTION itself, so that snooping attackers cannot see what information is being sent or received by either end. Even if they were able to decrypt the connection (very very hard), all they would see is encrypted data being sent to or received from the server. And the data also stays encrypted on the servers so that nobody, including Benetech or server operators, can read the data.



Encryption: How does it work?

Example:

HELLO

Algorithm: rotation

Key: 2

Encrypted text:

JGNNQ

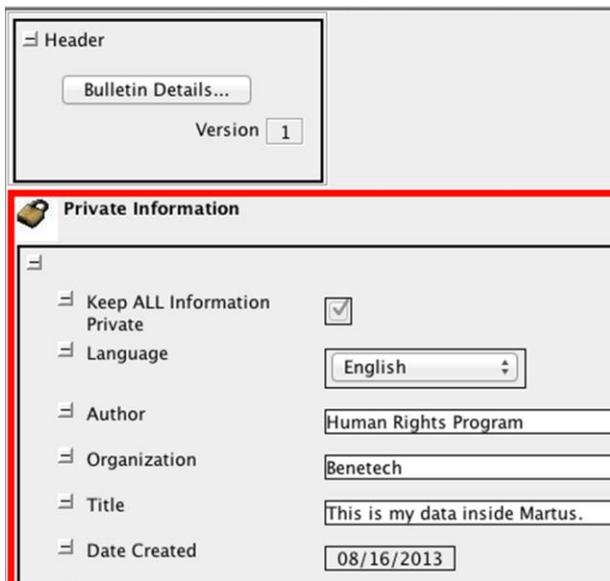
This is a very simple example to illustrate the concept of encryption. Martus uses a much more complex algorithm of encryption that scrambles the bulletin so that it can only be read by people with the right key. Encryption protects the bulletins easily and automatically.

This is a VERY basic example of encryption, illustrating the IDEA of encryption. THIS IS NOT THE TYPE OF ENCRYPTION MARTUS USES. If it did, the encryption could be cracked instantly. Instead, Martus uses very, very advanced encryption methods that change the original data into something unreadable and indecipherable without the decryption key.



Encryption: What does it look like?

What you see:



What they see:



This is what your data encrypted inside Martus looks like. Data encrypted in Martus can only be decrypted and viewed inside Martus and only by the Martus account in which it was created, or anyone that you have authorized to decrypt and read it. If you try to open the encrypted files on your computer that contain the data in your Martus bulletins outside of Martus, this is what you will see. You can see that there is data, but you can't read it. In the event that an attacker or authority were to gain access to the Martus server, this is also what they would see: there is data, but it's unreadable.



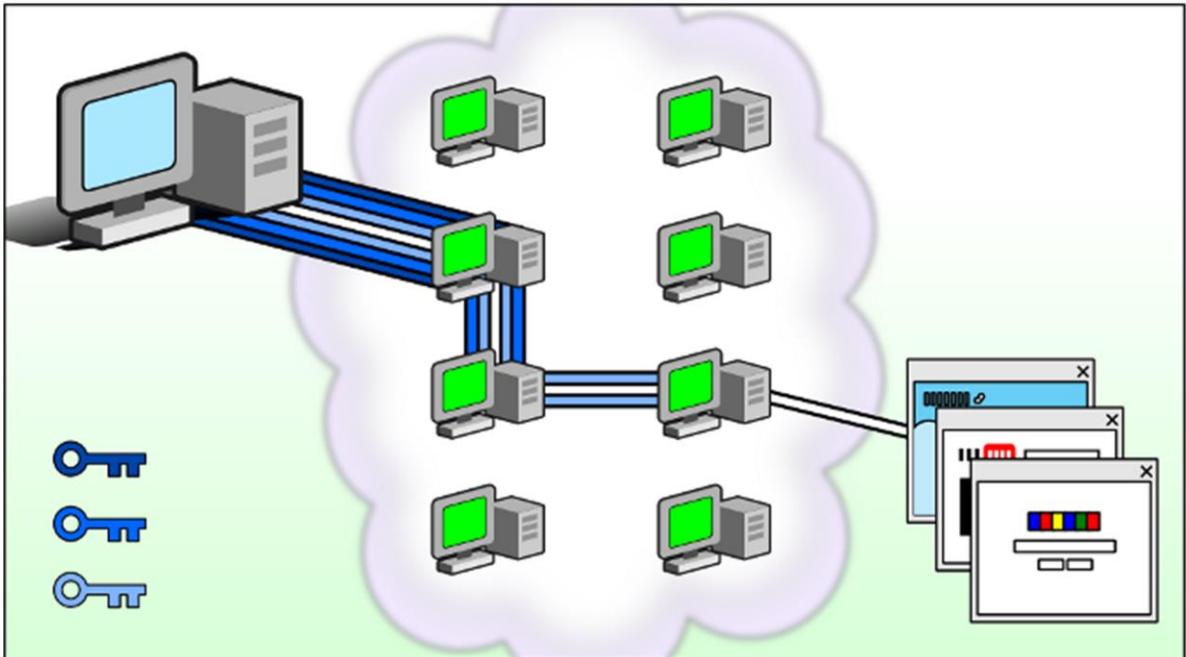
Backing up information in Martus

- Martus automatically backs up bulletins to a remote server of your choice.
- Martus servers operating around the world, including:
 - Alternatives (Vancouver, Canada)
 - Open Society Archives (Budapest, Hungary)

Benetech makes two servers available for free to all Martus users. There is no limit to the amount of data you are allowed to back up on the server, and the servers “mirror” each other several times a day, so there is always a backup of your backup.



Martus over Tor



Martus 4.3 and above allows for the option of communicating with Martus servers over Tor. Tor is a free and open-source tool that provides internet users with greater anonymity online and a better ability to circumvent censorship. In most cases, when you send or receive information over the internet, you establish a fairly direct connection to the sites or servers you are contacting. For example, if you send an email through Gmail, it is easy for those along the way to see that you are connecting to Gmail.com and for Google, who administers the servers, to see information about your computer and where it is located. Instead, Tor protects you by bouncing your communications around a distributed network of relays run by volunteers all around the world and obscuring the trail using encryption. Thus, it prevents somebody watching your Internet connection from learning what sites you visit, and it prevents the sites you visit from learning your physical location. If you need or want to obscure your connection to the Martus server, or to circumvent censorship in order to connect to the backup Martus servers, using Martus over Tor can help you do this. Using Tor will also make sending and receiving bulletins from the Martus servers slower.



Share your information with other Martus users

The selected Headquarters account(s) will be able to view the private information in this bulletin, or send this bulletin to a server, after you save it.

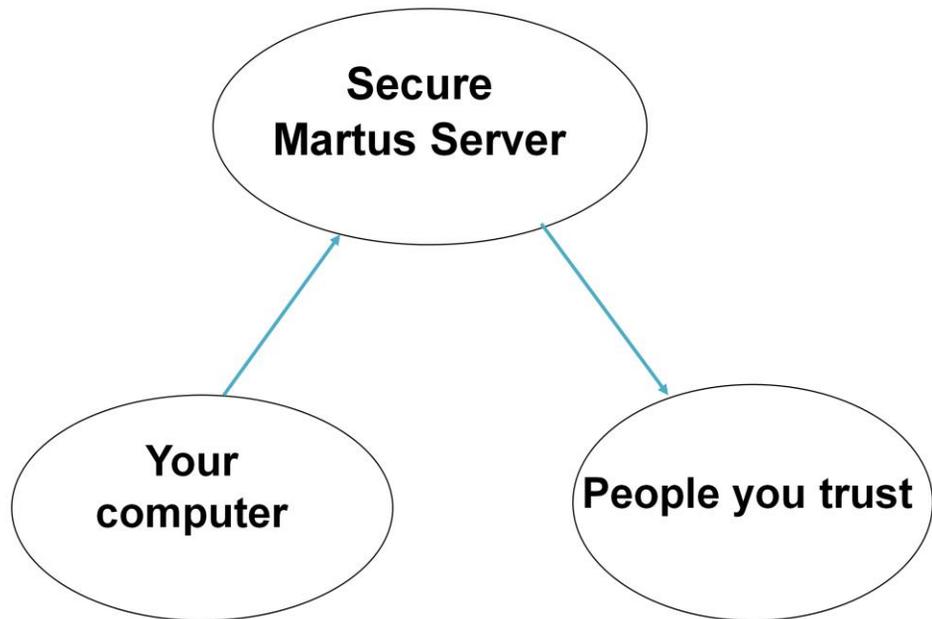
To add a new headquarters account use the Tools/Configure Headquarters option.

Selected?	Label
<input checked="" type="checkbox"/>	HQ-USA
<input type="checkbox"/>	HQ-Asia
<input checked="" type="checkbox"/>	HQ-Europe

You may choose to share data with other Martus users. When sending data in Martus, the sender is the Field Desk and the receiver is the Headquarters. A Field Desk may also be a Headquarters, and a Field Desk may configure as many Headquarters accounts as she likes.



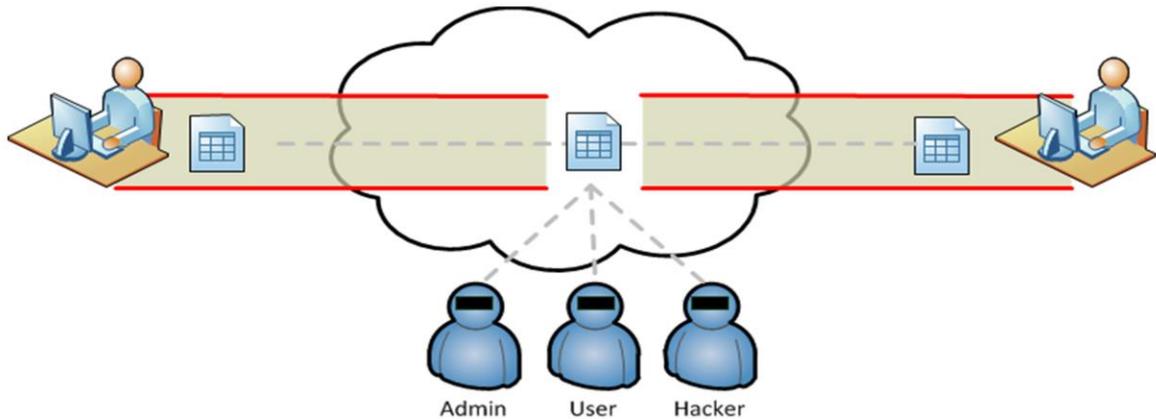
Backing up to the servers



Data is shared with other Martus users through the servers. Data is encrypted on your computer, the encrypted data is sent to the server, someone you trust and have authorized downloads that encrypted data, and it is decrypted on that person's computer. Never was the plain, unencrypted message available throughout the interchange.

End-to-End Encryption: Cornerstone of digital secrecy

Without encryption...

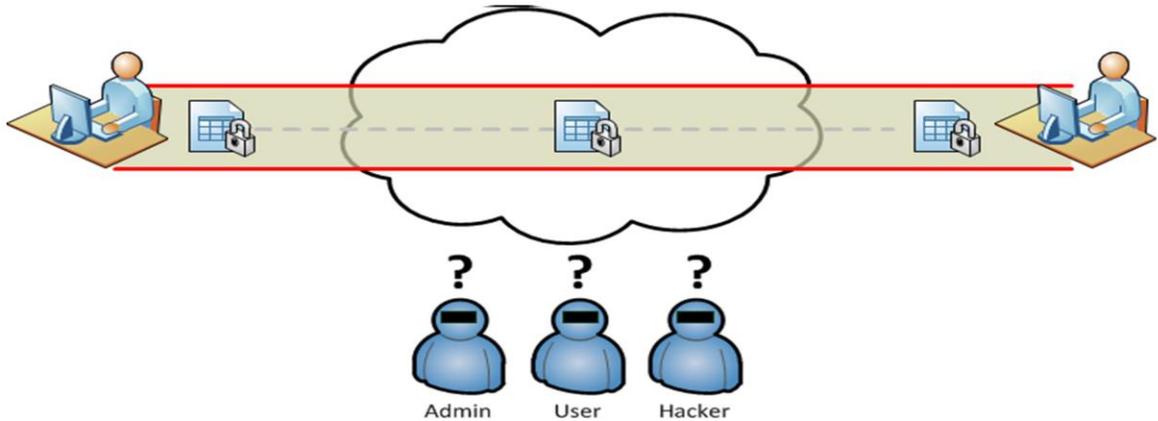


End to end encryption means that your data is encrypted locally on your computer and only the encrypted data is sent over the internet. The encrypted data is then downloaded by the recipient and decrypted on their computer back to plain text they can read. At no point during the transit of that data from one computer to the server to another computer is the data ever unencrypted. Martus makes this easy and automatic. End-to-end encryption requires that the keys to decrypt the data are not stored on the server facilitating the exchange. This means that if an unauthorized person, whether a server admin under bribe or threat, or another user or hacker were to gain access to the data on the server, they cannot decrypt the data. It also means that you cannot access your Martus account and view your data through an online web portal, which would require that your keys be stored on the server where your data is stored. This would significantly reduce the security of your data. It's also why some companies have been able to give away their users' emails or data to inquiring authorities. In those cases, even if the data is encrypted on their servers, they also hold the keys, rendering the encryption little protection from legal subpoenas. But Benetech can't give away your unencrypted data because Benetech doesn't have the keys to decrypt it, and they don't want them!

This slide shows that WITHOUT end to end encryption, people "in the middle" could read what is being sent (or the data could be read if your computer is stolen/confiscated, since the data isn't encrypted there either).

End-to-End Encryption: Cornerstone of digital secrecy

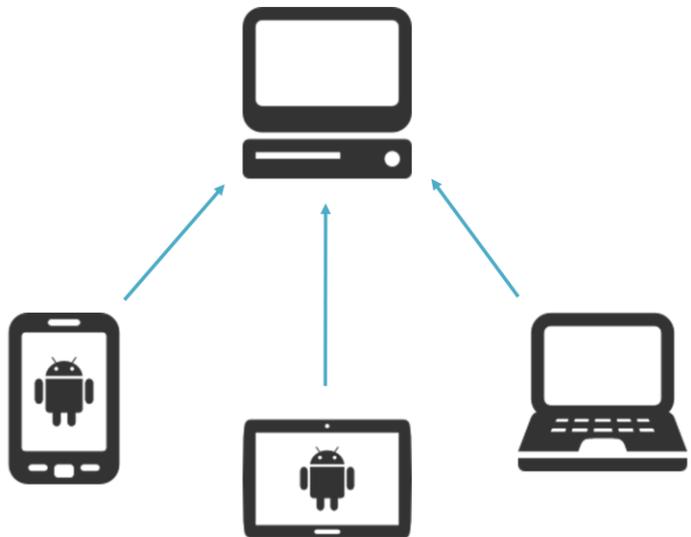
With encryption...



And WITH end to end encryption, people “in the middle” cannot read anything (and also can’t read what’s on the computers at either end because the files are encrypted there as well)...



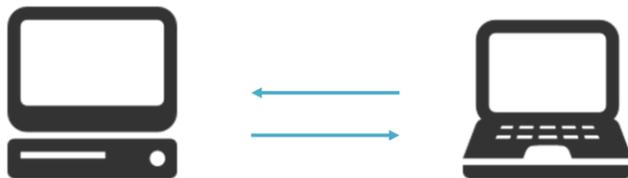
Choose different configurations based on the needs of your organization



You can choose if and how you share information with other accounts. There is no pre-established organization of a Martus system. Individuals, organizations, and groups must think through their information flow or desired information flow, and trainers support users to configure their Martus accounts to match the flow of information required. These are some of the ways that Martus accounts can be configured to send and/or receive data from others. Martus uses the language of “HQ: Headquarters” to describe accounts that receive data, and “FD: Field Desks” to describe accounts that send data.



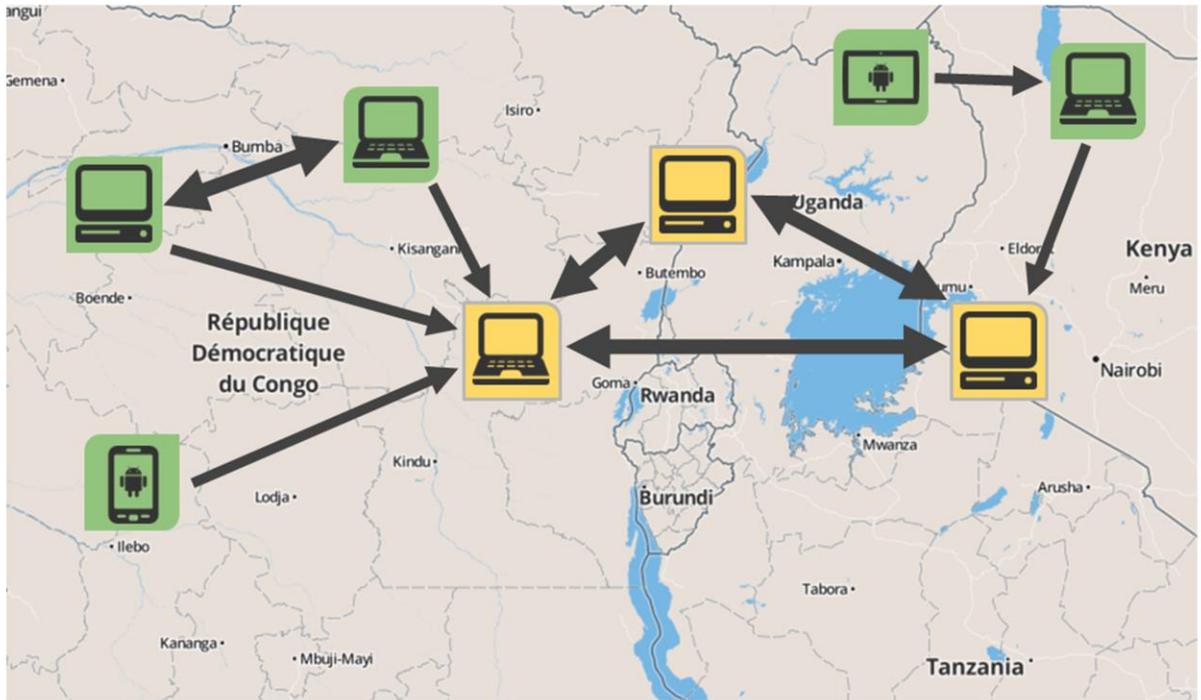
**Choose different configurations
based on the needs of your
organization**



One account can be both a Field Desk and a Headquarters account.



Choose different configurations based on the needs of your organization



This may seem complicated, but it is a rather typical information flow. Several field desks report to a regional manager, who shares with the Executive Director, or something similar. Martus is flexible with regard to data sharing and can be set up to match your organization's current information flow.



Martus is highly customizable

Source Section

- Source of bulletin information:
- If "Other", please specify:
- Interviewee Name:
- Interviewee Speaks:
- Date(s) of interview(s):
 - Exact Date Date Range
 -
- Does interviewee wish to remain anonymous?
- Is interviewee willing to give additional information if needed?
- Is interviewee willing to testify?

People Section

Victim Information

Row #	First Name	Last Name	Is Identified?	Date of Birth	Sex	Ethnicity
1	John	Smith	<input checked="" type="checkbox"/>	8 May 1975	Male	
2	anonymous	anonymous	<input type="checkbox"/>	? ? ?	Unknown	Male
3	Jane	Doe	<input type="checkbox"/>	? ? ?	Unknown	Female
4			<input type="checkbox"/>	? ? ?	Unknown	Unknown
5			<input type="checkbox"/>	? ? ?	Unknown	

Show Expanded Delete Selected Row Insert Row

Profession History Table Note
If you have information about a person who has had different professions over time, enter multiple rows with the same First and Last Name and show the date ranges for each profession on a separate row.

Profession History

Row #	First Name	Last Name	Profession	Dates of Profession
1	John	Smith	teacher	1 Sep 1997 - 1 Jun 200
2			union leader	7 Jul 2000 - 14 Feb 200
3		anonymous		? ? ? Unknown - ? ? ? Unk
4		Doe		? ? ? Unknown - ? ? ? Unk
5				? ? ? Unknown - ? ? ? Unk

Show Expanded Delete Selected Row Insert Row

You can see various field types here, including drop downs, checkboxes, grids (tables) and date range fields.



Why customize?

- Organize information in a consistent way
- Especially helpful if you are working with other people
- Make sure you have collected all of the useful pieces of information
- Facilitate data entry
- Prevent inconsistency and errors

There are benefits to customization, including minimizing typing errors (which impact searching and reporting), and standardizing data across accounts.



Searching in Martus

For each row, select a field to search (or choose to match any field), select what kind of comparison to perform, and then enter a value to search for.

NOTE: Bulletins that appear only in the Discarded folder will not be searched.

Press Enter to create a new row in the search query.

Click 'Help' to get additional information on searching.

	Field(s) to search	Compare how?	Search for...	
1	--Any Field-- Choose Field...	contains	prison or jail	and
2	Last Saved Choose Field...	>=	Jan 1 2004	and

Delete Selected Row Insert Row

Only search most recent version of bulletins

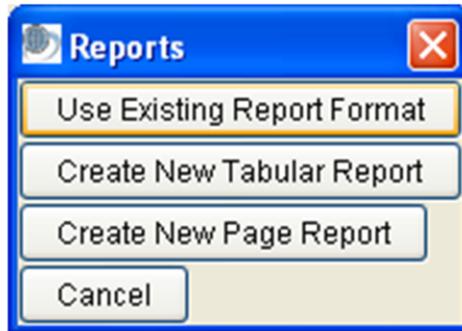
Help Load Previous Search... Save This Search... Search Cancel

- **Search “Any Field”** - for a full text search
- **Search on a specific standard or custom field** – to focus your search
- **Use AND/OR search functionality** - to sharpen your search.
- **Save Search specifications** - to use them again later

Martus offers a robust search function, including using multiple search criteria, saving searches, specifying a field (or multiple fields) or searching all fields for text.



Create reports in Martus



- Select which fields and order of appearance
- Filter bulletins by search criteria
- Choose to print full bulletin information, summary counts, or both
- Select public bulletins, private, or both

Martus also offers reporting, which allows users to gather certain parts of their data to be presented together. There are two reporting formats (page report and tabular report).



Martus report examples

Author	Date of Event (beginning)	Last Saved	Title
Field User 1	08/03/2004	09/25/2004	Unlawful detention
Field User 1	01/07/2004	09/25/2004	Kidnapped official
<i>Last Saved: 09/25/2004 = 2</i>			
Field User 1	07/01/2004	10/04/2004	Abuse of residents
<i>Last Saved: 10/04/2004 = 1</i>			
<i>Author: Field User 1 = 3</i>			
Field User 2	08/15/2004	09/30/2004	Computer stolen
<i>Last Saved: 09/30/2004 = 1</i>			
Field User 2	11/01/2004	07/12/2005	Political assassinations
Field User 2	02/11/2004	07/12/2005	Conflict affects villagers
Field User 2	Unknown	07/12/2005	Attacks against minorities
<i>Last Saved: 07/12/2005 = 3</i>			
Field User 2	09/22/2004	09/16/2005	Journalist jailed
<i>Last Saved: 09/16/2005 = 1</i>			
<i>Author: Field User 2 = 5</i>			
Field User 3	04/07/2004	10/07/2004	Attacks on human rights groups
Field User 3	10/02/2004	10/07/2004	Office ransacked
<i>Last Saved: 10/07/2004 = 2</i>			
<i>Author: Field User 3 = 2</i>			
Joe User	05/22/2004	04/25/2005	Villagers killed -- updated
<i>Last Saved: 04/25/2005 = 1</i>			
<i>Author: Joe User = 1</i>			
Total Bulletins: 11			

Public Information
Keywords: prison
Date: 2004-10-25
Created:
Title: Journalist jailed - updated
Date of Event (beginning): 2004-09-22
Author: Joe User

Private Information

Public Information
Keywords: ransom
Date: 2004-09-25
Created:
Date of Event (beginning): 2004-01-07
Author: Joe User
Title: Kidnapped official

Private Information

Public Information
Keywords: vandalism
Date: 2004-10-07
Created:
Date of Event (beginning): 2004-10-02
Author: Joe User
Title: Office ransacked

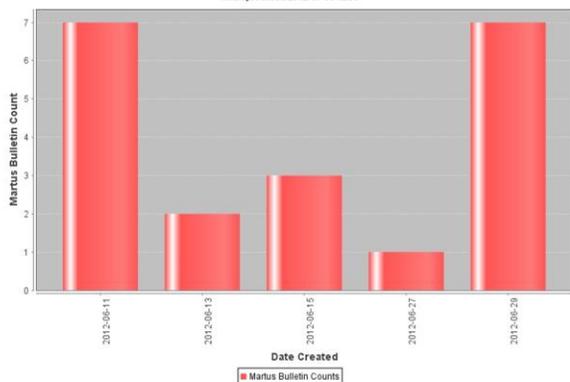
Private Information

Table reports have one row per bulletin; Page reports display fields in the order they appear in the bulletins (you can print all fields or only a subset)



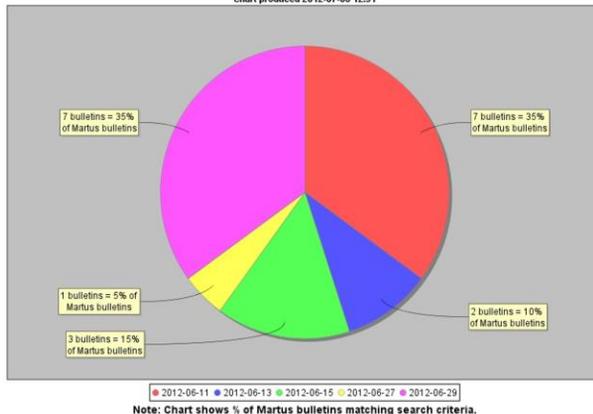
Create charts in Martus

Martus Bulletins by Date Created
Human Rights Organization data collection monthly status report
Chart produced 2012-07-06 12:30



Note: Chart shows number of Martus bulletins matching search criteria.

Martus Bulletins by Date Created
Human Rights Organization data collection monthly status report
Chart produced 2012-07-06 12:31



Note: Chart shows % of Martus bulletins matching search criteria.

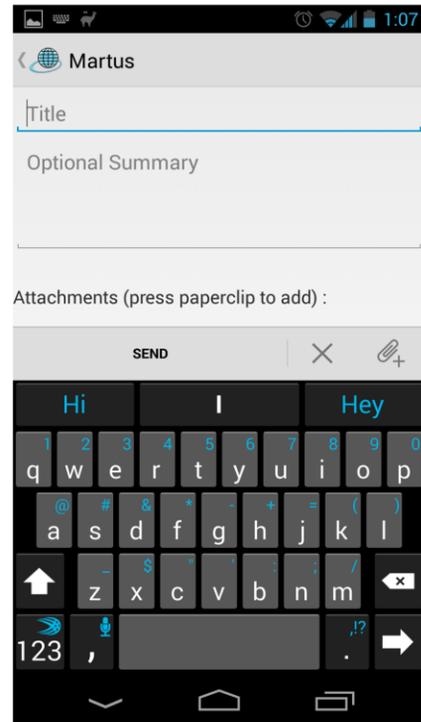
Bar and Pie charts summarize any bulletin field you select, and only those that match the search criteria you define.



More mobility: Mobile Martus

Martus for Android

- Write-only
- Interacts with other mobile Apps
- Attach files
- Saves bulletins to server
- Download saved bulletins on desktop



Mobile Martus for Android allows for more unobtrusive use of Martus – e.g. you can take a photo with your phone (or other mobile device) and very quickly back it up securely to be retrieved at a later point; especially useful if you are in a place where you are worried about your phone being confiscated etc.

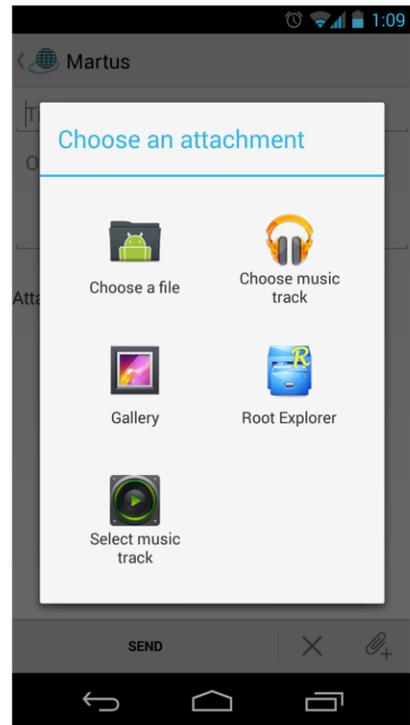
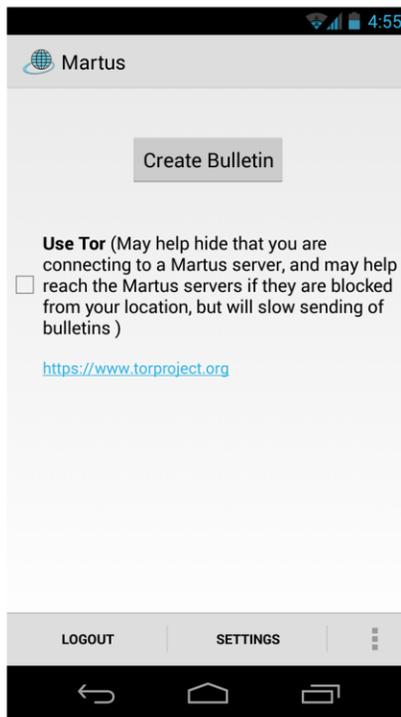
“Write-only” means that you can send bulletins to the server, to be retrieved and viewed by you or another user in the Martus client on your computer, but you cannot see the bulletins you created on the phone. Technically speaking, this is because only the part of the key used to encrypt the data (called the public key) is stored on the phone, but the part of the key used to decrypt (or read) that data (called the private key) remains only on the desktop HQ account connected to your Mobile account.

You can “send to Martus” using the standard “share” functionality with other apps that create files (e.g. Gallery for photos/video)

Data is encrypted on the phone and during transmission to server, after which the bulletin data is removed from the phone (the original attachment, e.g. photo in your Gallery, is not removed automatically by Martus but you can delete it after sending to Martus)



More mobility: Mobile Martus

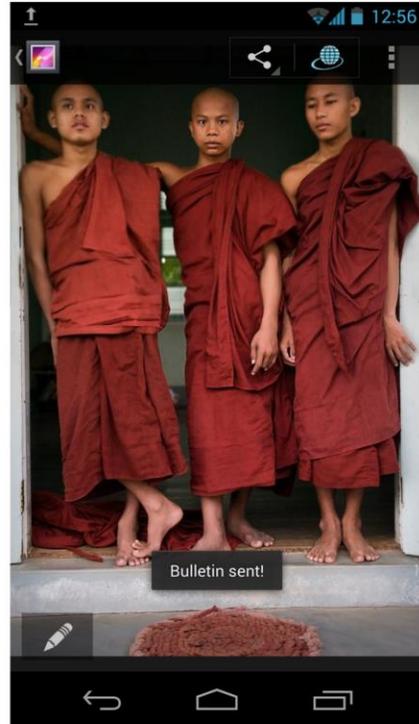
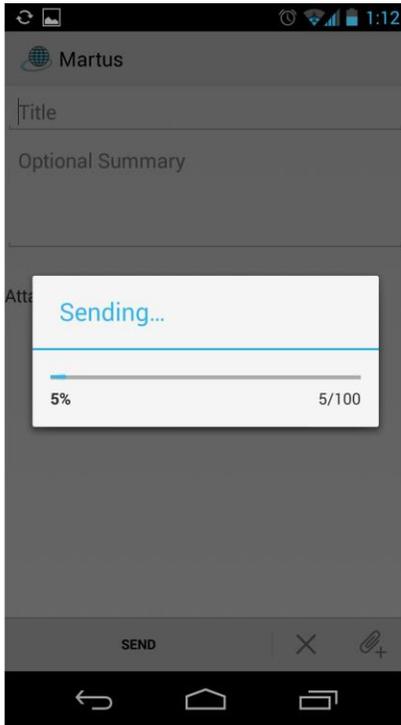


Tor can help you if you are working in a place where certain internet activity is blocked, and makes it harder for folks doing surveillance to recognize your activity.

As with the Martus client on a computer, Mobile Martus will accept, encrypt, and send any kind of attachment – images, videos, voice notes, text, etc



More mobility: Mobile Martus



This photo was sent securely to the Martus servers using the “Share” or “Send to” feature inside the Gallery.



More security: Martus on Tails



- **Amnesic**

Wipes all traces on shutdown

- **Incognito**

All internet traffic is anonymized

- **Locked down**

File system is read-only

- **Portable**

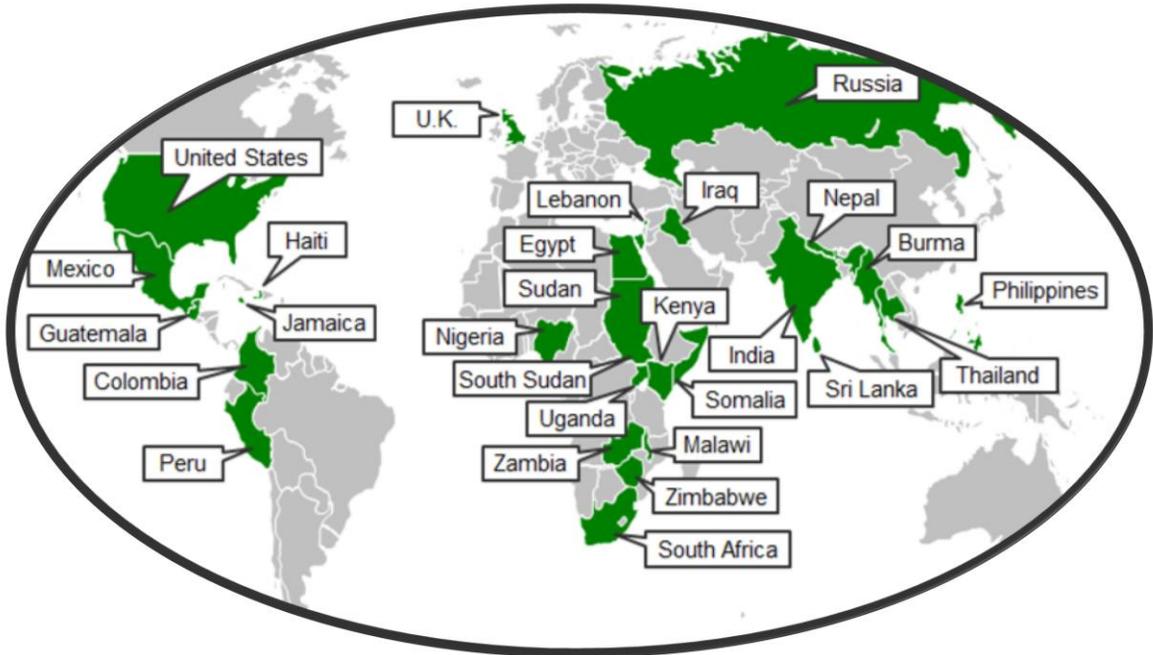
Install to USB stick, DVD or SD card

Tails (The Amnesic Incognito Live System) is a portable operating system that can be installed to a USB stick, DVD or SD card and booted from virtually any computer. It provides extra security by ensuring the underlying file system can't be altered, running all internet traffic through the Tor network, only ever writing to RAM (and wiping RAM at shutdown), and providing state-of-the-art encryption software out of the box. It's entirely free and open source, and when using Tails on a USB or SD card, users can install and run Martus.

Tails is not necessary for all Martus users, but can provide the highest level of accessible, usable security to those who need it.



Martus Users are Worldwide



Martus is available in 12 languages (English, Spanish, Russian, Arabic, Burmese, Farsi, Vietnamese, Thai, French, Khmer, Nepali, Armenian), with others being planned (e.g. Chinese).

The map above shows just some of the locations where Martus users live and work...



Network for Human Rights Documentation - Burma

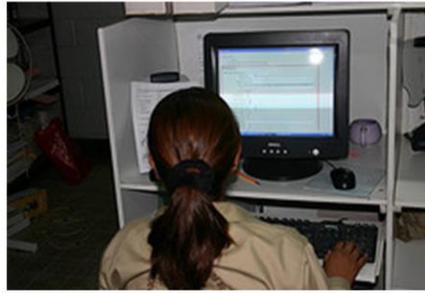
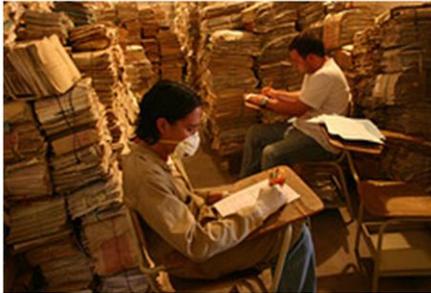


The ND-Burma network has been using Martus since 2004 to secure and share stories of human rights abuse inside Burma

One of Benetech's long time partners and Martus Users is the Network for Human Rights Documentation – Burma, a network of a dozen organizations that collaborate using Martus to produce information about human rights violations inside Burma.



Guatemalan National Police Archive Project



Martus has been used to manage and encrypt information from the millions of documents in the Guatemalan National Police Archives.

Another example of a long-time partner is the Guatemalan National Police Archive, discussed above, which has been a Martus user since 2006.

Security is a Practice: Other tools



- OpenPGP for email encryption



- Pidgin/Adium/Cryptocat for encrypted chat



- Jitsi for encrypted VOIP



- Tor for anonymous browsing



- Whole disk encryption

Some other tools that Martus users might be interested in using to protect their data and communications:

- PGP for email encryption
- Pidgin (Windows/Linux) or Adium (Mac) for encrypted chat
- Jitsi for encrypted voice and video calls
- Tor for anonymity and privacy online. Benetech has integrated Tor in Martus (both on mobile and on the desktop versions).
- For whole disk encryption, please see "Disk Encryption" recommendations on <https://prism-break.org>.

Welcome to the Martus Community!

Thank you!

info@martus.org

help@martus.org

