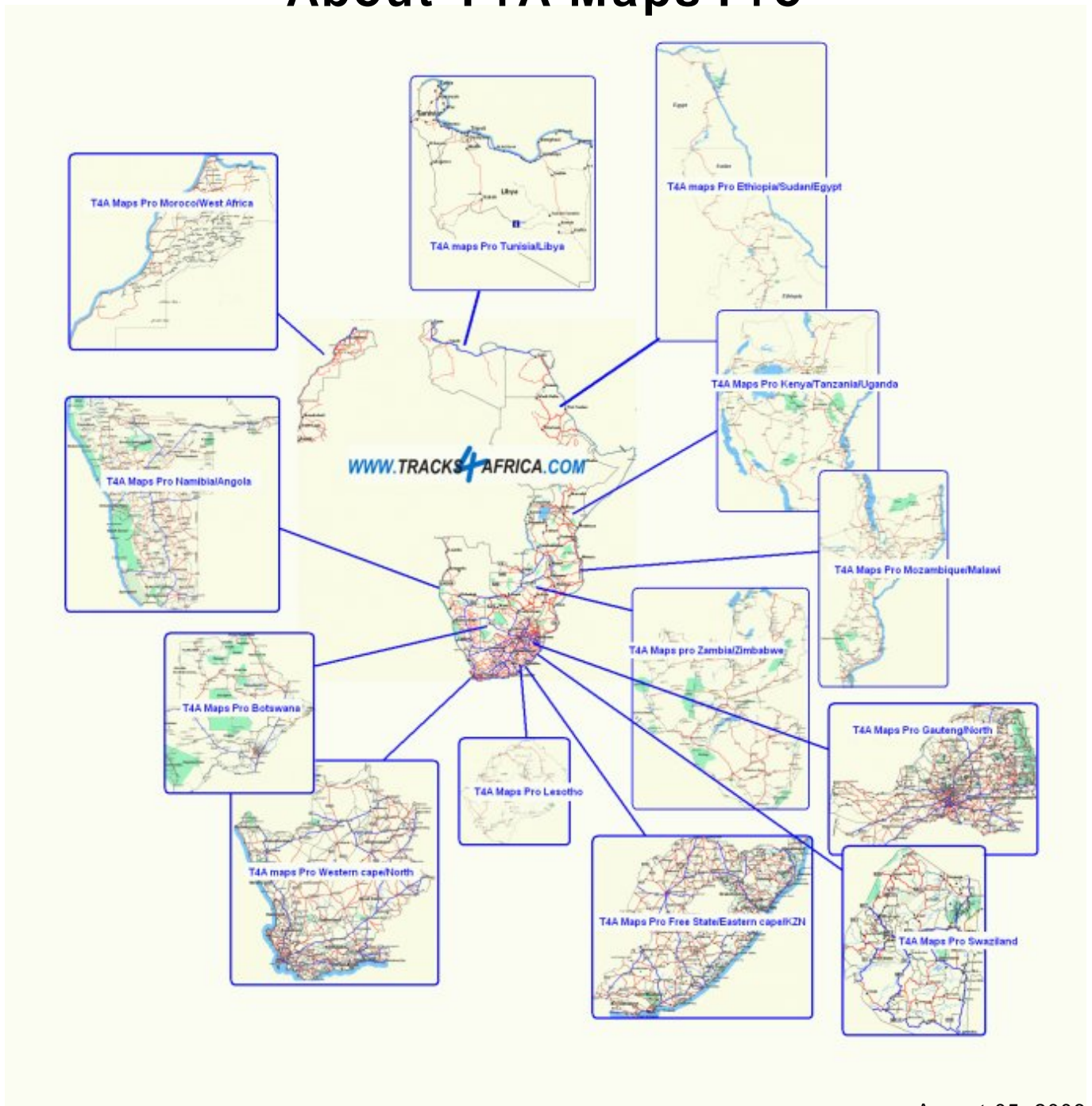




About T4A Maps Pro



August 05, 2006

www.Tracks4Africa.co.za

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This document contains hyperlinks and you must be ON LINE when reading it.

1. Who and what is Tracks4Africa ?

[Tracks4Africa](#) (T4A for short) is a NON-PROFIT organisation run by 'Environmental users'.

What lies at the core of our business? Our core business is [MAPPING AFRICA](#). More specifically, Community Mapping because the only way to map Africa accurately, reliably and environmentally correct is to put the task of land surveying in the hands of experienced and responsible eco-travellers who are in touch with conditions at ground zero.

What's the main focus? Our main focus is the GPS mapping of eco-destinations in rural and remote Africa. Outdoor activities including hiking, mountaineering, mountain biking, river rafting, scuba diving, bird watching, paragliding, quad biking, overland travel and green land travel (eco-trails), have an environmental impact on the diversity of plant and animal life. We strive towards a high level of biodiversity.

Eco-mapping requirements are of utmost importance given the increase in human traffic to eco-destinations. Most of these destinations are outside the National Parks, Nature Reserves and Protected Areas, and as such, they don't enjoy the relative benefits of research, legislation and access control. Moreover, many of these destinations are home to historical, cultural and religious heritage.

The responsibility for protection and preservation of our environment rests with 'Environmental users'. The birth of Tracks4Africa in 1999 was indeed a manifestation of this responsibility.

To support our extending family of 'Environmental Users', we at Tracks4Africa have come up with...

Our mission:

- ② To Foster and Contribute an understanding to a "CODE OF CONDUCT" when utilising natural resources for leisure purposes, especially in remote and eco-sensitive areas
- ② To establish a complete and accurate spatial record of ALL the eco-destinations in the safe reaches of Africa.
- ② To develop a high quality, reliable and continuously updated GPS navigational system for travelling to these eco-destinations. *"Let's get the wheels back on track"*
- ② To develop an en-route INFORMATION toolkit which must meet the information needs for solo and first-time travellers to these sensitive eco-destinations in the remotest parts of Africa.

Jan Joubert professed, "**INFORMATION**" and "**to INFORM**" as the only mechanism to preserve and to protect environment for the next generation to do the same.

- **Information** needed not to expose oneself, travel companions, assets and environment to [unnecessary risks](#).
- **Information** needed to make informed [decisions](#) on the spot. *"To travel as if you know the place"*

Tracks4Africa is becoming the NAVIGATIONAL STANDARD for GPS assisted travel into remote and eco-sensitive areas in Africa.

Our vision:

- ② To strive towards **VIRTUAL TRAVEL**. We can achieve this by combining properly collected high-quality Community data/information with state-of-the-art spatial software and technology. *"To make it possible to decide NOT to travel"*.

There are two dimensions of Tracks4Africa.

1. The [T4A Community](#) as the very foundation of T4A. It's the source for GPS data, information and professional advice, guidance and inspiration. Embedded in the T4A Community is an eco-consciousness and a value system that practically rules everything.

Membership to T4A is open, free and voluntary. Recording [GPS field data](#) is a by-product of outdoor/leisure or business travel. Data must be collected and prepared according [T4A quality standards](#). The T4A Data Community has adopted the [Honey Badger](#) as its icon because the symbiosis between badger and honey bird explains the working principle of T4A Community Mapping.

T4A data members actively collect and submit field data and information, and in return, receives a monthly updated GPS Map called '**T4A Maps (Data members)**'. This map is only a 2D map (only roads and points) and it's only a 10Mb download. It is NOT a free map and it is NOT a navigational toolkit. It serves only as quality correction tool and it is distributed ONLY to active Data Members.

Ownership of T4A data is explained in [The RED and the GRAY](#) document

2. **T4A Pty Ltd** as separate commercial entity and responsible for the long term economic sustainability of T4A Mapping Operations. T4A Pty Ltd is in business since May 2005. Our revenue comes from sales of T4A Maps Pro and licensed users of the T4A Data Set. We plan to release high quality T4A Paper maps to complement the GPS maps. We also plan to make serious business of VIRTUAL TRAVEL by involving experts in the T4A Data Community as business partners.

"Based on the principles on SYNERGY and SYMBIOSIS the Tracks4Africa philosophy of MAPPING AFRICA is both ORGANIC and HOLISTIC" (Gabri Rigotti)

Tracks4Africa works in close co-operation with its partner websites:-

- o www.madmappers.com (Home to the biggest and most complete repository of RASTER maps and VECTOR data for Africa also [AFRICA TOPO](#) maps for GPS)
- o www.overland.co.za (Trip reports, travel information and many more)
- o www.ecotracs.org (Eastern cape Eco-travel and GPS mapping)
- o www.ecs.co.sz (Rex Brown and the Swaziland team)

Tracks4Africa is member to [The AAWDC of South Africa](#). T4A is engaged in NON-COMMERCIAL data sharing agreements with [The Peace Parks Foundation](#), [The Department of Environment and Tourism](#) and NGO's affiliated with the UNITED NATIONS.

2. What is T4A Maps Pro and what software do I need to use it ?

The T4A Maps Pro is a commercial offering of Tracks4Africa. It a super accurate VECTOR map comprising of [14 regional maps](#) of Africa which can be displayed as a seamless map.

The easiest way to enjoy T4A Maps Pro is to use the [Mapsource software](#). If you have this software installed you can upgrade to the [latest version](#) which is a free download from www.garmin.com

T4A Maps Pro on Mapsource can be [interfaced](#) with Google-Earth. It is also a [GPS map](#) for 'map capable' [Garmin](#) GPS (Global Positioning Systems) receivers or compatible PDA (Personal Digital Assistant) devices. See section **13. Installation of T4A Maps Pro on PDA's**

3. What makes the T4A Maps Pro so special. ?

The T4A Maps is NOT a city navigator and it is NOT an auto-routable map. The T4A Maps is NOT an 'atlas of roads'. In fact, it may not even cover 3% of all navigable road/tracks in its coverage area BUT it covers 98% of the 'roads travelled'.

The T4A Map is NOT about roads, it is about [DESTINATIONS](#) and it is about [attention to detail](#) but mostly it is about [INFORMATION](#).

Strictly speaking it is NOT a map. It is the collective navigational experience of Data Members of the [T4A Data Community](#) on countless leisure trips to eco-destinations into remote and eco-sensitive Africa and no two travel experiences are the same. T4a Maps explains where and why ENVIRONMENTAL USERS do what they do.

Road lines and points of interest on the T4A map is constructed ONLY/STRICTLY from GPS recorded/confirmed data and data submissions must comply with [T4A quality standards](#). The road lines on the T4A Map are spatially [averaged](#) from many independent GPS recordings. This makes the T4A Map super accurate, reliable and unique.

The T4A map is a GPS map constructed by travellers for travellers, people who are serious about travel safety and more serious about environment.

Jaco Pauw wrote: "Tracks4Africa has revolutionised the way we travel!"

JP wrote: "and would once again like to compliment you on an absolutely incredible product. I would not change my T4A maps for anything in the world - you really have done a marvelous job with it!!"

T4A mapping Africa is organic and there are lots of dynamics on the map. With 600+ self-appointed quality control officers, some perfectionists and others fanatic conservationists the T4A Map is never complete and it is never correct. Moreover, Africa and its roads changes with every rainy season and the rules for driving on them changes with every new local political order. Hence the reason why T4A Maps Pro must be upgraded 3 times a year (Feb, June, and Oct)

Provided your correct email when you register, when you buy T4A Maps Pro or any combination thereof or the [T4A maps Pro-Africa CD](#) the following next upgrade will be posted to you free of charge.

4. Is the T4A Maps Pro an auto-routable map. ?

No, the T4A Maps Pro is NOT an auto-routable map and this technology will probably not come soon to the T4A map because there exist no routable software intelligent enough to tell which one of the two mud roads from Savuti to Moremi (Botswana) is the best one to travel.

Auto-routing can only be applied on established and well maintained roads of which their condition and speed index is constant. This is true only for the streets and the metro's where you have an engineer responsible for fixing the roads and tax payers making sure he does his job.

Auto-routing is design to take out the thinking in navigation. It is a market demand by the ill-informed armchair travellers Tom-Tom spoiled by auto-routing software on the highways of Europe and the logical reasoning is that this technology can also work for the roads of Africa.

Travelling Africa on main roads or off-roads your decisions will be based on ground zero INFORMATION. The T4A map will display the [N12 Highway](#) in South Africa for what its it, badly potholed and 'not-recommended' because it is mission of the T4A Maps to provide INFORMATION. Commercial auto-routing maps will show the [N12 here](#) as safe to travel at 100km/hr.

If there is one sure way to spoil a high quality GPS map it is to give it auto-routing that does not work correctly. T4A will not comply to armchair market demands at the expense of travel safety. When you travel Africa you must THINK SAFETY and you must equip yourself with INFORMATION as in 'ground zero intelligence'. It is the way it is. And the place to ask the questions are www.overland.co.za and www.sahara-overland.com

To say we'll travel only the main roads using normal car and we don't need all this information, is a sure way to get yourself and travel companions in serious trouble as it had happened to many tourists before and in some cases with catastrophic consequences.

Currently developed is a **T4A Maps auto-routing** product separate from T4A maps Pro and serving only as overall trip planner. Such routable routes can then be displayed on [Google-Earth](#)

5. Can I upload T4A Maps Pro onto the old Garmin III+ , Emap or GPS 12map ?

These older units are 'map capable' but they have limited memory and T4A Maps Pro cannot be uploaded. However, included on [T4A maps Pro-Africa CD](#) (See section 12) there is a special compilation of **T4A Maps Light (for older models)** which will fit onto these older 'map capable' models.

This **T4A Maps Light (for older models)** is not available on our website. To get it you must buy the [T4A maps Pro-Africa CD](#)

6. What is 'The 4th dimension in Eco-travel' and what are T4A wiki's.

Refer to [The Navigation Story](#). There are 4 dimensions to a navigation picture.

- ☉ GPS waypoints offers only a 1-dimensional navigation picture.
- ☉ GPS waypoints and tracks offer a 2-dimensional navigation picture.
- ☉ Geo-features (river, lakes, dams, mountains, contour lines) add the 3rd dimension.
- ☉ INFORMATION is the 4th dimension and the most critical aspect of the concept.

To convey INFORMATION given firmware restrictions and given GPS screen the size of a matchbox, recently introduced are T4A wiki's

A T4A wiki is an uniquely numbered [INFO-icon](#) on the T4A Maps Pro. A T4A wiki is NOT a 'trip report' but rather a 'place report', it is an *INFORMATION BASKET*. It is 'place bound' and it is 'personal experience bound'.

T4A wiki's are *real information of real places by real people* = The T4A Data Community.

On the summit of Mt Langer Heinrich there is a story. Andy Chase was there and you can read his story and see his photos, access this GPS track data (also in Google-Earth .kml format) all thrown into an INFORMATION BASKET called a **T4A Wiki** which you can download here <http://tracks4africa.com/misc/53431.zip> (570kb)

Using the [Google-Earth](#) interface one can see things in [3D](#).

7. What other GPS mapping products can be used with T4A Maps Pro ?

The following two GPS mapping products works well with T4A Maps Pro.

Africa TOPO from <http://madmappers.com/AfricaTopo>
South Africa Streetmaps version 4 <http://www.garmap.co.za/>

Limited only by GPS memory you can upload multiple mapping product onto your GPS at the same time. Then switch them on and off as and when needed.

8. What are the conditions of use of T4A Maps ?

You are advised to read and to understand every word in this legal document.
<http://tracks4africa.com/misc/eula.txt> (2kb)

In summary:

- ☉ T4A Maps pro is for private and personal use ONLY. If you want to employ T4A data for commercial use then you must apply for a license.

- ② You will not disassemble, decompile or otherwise reverse engineer T4A Maps or merge all or any part of T4A Maps with another.
- ② When you use T4A Maps on your GPS you assume co-responsible for its enhancement. i.e. reporting errors, improving quality and expanding the scope of travel.

9. Where can I buy T4A Maps Pro?

T4A Maps Pro comprises of [14 regional maps](#) of Africa, which gives a seamless map on both computer screen, and GPS.

Given the modular design of T4A Maps Pro, you can have a superior map on your GPS to travel your favourite destinations at less than 10% the price of current CD based commercial Mapping Products on the market.

There are two purchasing options:

- ② 9.1 Internet purchase via our website www.tracks4africa.com.
This option allows you to buy on-line with your credit card and you can download the product immediately. Refer to our web site for more details and prices.
- ② 9.2 You buy the [T4A maps Pro-Africa CD](#) from selected Dealers
Included on the CD also a **T4A maps Pro Light (for older models)** and compiled specifically for the older GPS models with limited map memory like the Garmin 12 map, Emap and 3+ and others.

10. Are there upgrades on T4A Maps Pro and what is the policy. ?

We pride ourselves in the fact that our maps are being upgraded constantly. Our maps factory produces a new version of T4A Maps (Data Members) every month. This monthly release is treated as a beta version and validated by the T4A Data Community.

T4A Maps Pro is released three times per year, February, June and October. The version number corresponds to the year and the month, e.g. 2006 Feb translates to 6.02 and 2007 Oct translates to 7.10 and so on.

If you buy any or all of the T4A Maps Pro regional maps or the [T4A maps Pro-Africa CD](#) a download link for the following next upgrade will be emailed to you free of charge.

People who buy the T4A Maps Pro maps on our web site will automatically be eligible for an upgrade. People that buy the T4A maps Pro-Africa CD must register and provide a valid e-mail address to become eligible. See our web site for registration details or mail us at sales@tracks4africa.co.za. Provide us with following details:

Your name:
Email:
Contact telephone:
Product Serial number:
Name of Dealer/Service provider

Alternatively contact Annamarie at +27 (0)44 879 1146

Take note that the download links for the free upgraded of T4A Maps Pro is valid for only ONE month and you MUST download your upgrades in this period because T4A cannot provide these download links after this period has expired.

The Upgrade Subscription Service allows one to further upgrade your T4A Maps Pro product at a reduced additional cost. See our web site for more details and related products.

11. Is there a T4A DEMO map available for testing ?

For a test map on PDA applications see section 13

For Mapsource applications you can also install **T4A Maps DEMO**

http://tracks4africa.com/misc/T4A_maps_demo.zip (10Mb)

The same installation instructions Section 12 below applies. Take note that T4A Maps DEMO and T4A Maps Pro Viewer utilises the same Windows registries. If you install T4A Maps Proviewer it will replace T4A Maps DEMO and visa versa.

You cannot stream T4A Maps DEMO to your GPS. It serves only to show what T4A Maps Pro is all about. It shows [detailed mapping](#) at only 12 or so of the 847 eco-destinations on T4A Maps Pro.

From time to time and with focus on specific eco-routes T4A publishes 'T4A Special maps'. Here is one for the Wild Coast of Eastern Cape. http://www.madmappers.com/pub/t4a/t4a_maps_wild_coast3.zip (1.2Mb)

The same installation instructions Section 12 below applies. Take note that T4A Special maps exists independently from T4A Maps Pro. You don't have to un-install T4A special maps before you install T4A Maps Pro. But T4A Special maps are all installed in the same folder **C:\Program Files\Tracks4Africa\Special maps** and they utilise the same windows registries, so if you install the one Special map it will replace existing Special map.

12. T4A Maps Pro installation on Mapsource.

Total size of T4A Maps Pro is 32Mb.

- Ⓜ Make sure your Mapsource application is the latest version. If you have mapsorce installed then you can download a free upgrade from <http://www.garmin.com/support/mappingsw.jsp>
- Ⓜ Before you install your T4A maps Pro close ALL applications on your computer.
- Ⓜ Before you install your T4A maps Pro it is recommended that you UN-INSTALL previous versions of T4A Maps Pro's that you're about to install. Don't un-install all the T4A Maps Pro's and don't un-install other T4A Maps products. Only the pro's you're about the install.

To un-install older versions of T4A Maps Pro use Windows, Control Panel, Add/Remove Software http://tracks4africa.com/misc/un_install_1.gif (123kb)

To un-install newer versions of T4A Maps Pro use Windows, Start, Programmes, Tracks4Africa http://tracks4africa.com/misc/un_install_2.gif (71kb)

- Ⓜ When installation for T4A Maps Pro results in a **1155 error** then your Microsoft Installer is outdated. Download a recent version from the [Microsoft website](#) first: [Windows 95/98/ME](#) (1670 kB) or [Windows NT/2000](#) (1781 kB).

12.1 Installation of [T4A maps Pro-Africa CD](#)

On the CD just double click the file **Install_t4a_pro_africa_cd_608.exe** and the installation wizard will take you through the process.

Take note there is NO option on installation folder. T4A Maps Pro can only be installed in the folder **C:\Program Files\Tracks4Africa\T4A Maps Pro**. (Requirement for upgrades). We know this can be a problem to some Users. In rare cases PC setups don't have a c-drive but this is the way it is.

12.2 Installation of T4A Maps Pro from the web-site purchase.

When you purchase please provide correct email address because after your purchase you will receive an email with download links one for each T4A Maps Pro products.

- ② You must download each one separately.
- ② Only once it has fully downloaded should you download the next one.
- ② Under no circumstances should a multiple file download be attempted..

It is also advised to use the option 'Save'. So, first 'save' them all on you hard drive **AT A PLACE WHERE YOU WILL REMEMBER !** (desktop) and then install them one by one.

Take note there is NO option on installation folder. T4A Maps Pro can only be installed in the folder **C:\Program Files\Tracks4Africa\T4A Maps Pro** (Requirement for upgrades). We know this can be a problem to some Users in rear cases PC setups don't have a c-drive but this is the way it is.

When you buy T4A Maps Pro from our website then your registration to receive the following next upgrade is automatic and you don't have to register. However, should your email changes you must inform <mailto:sales@tracks4africa.co.za> of your new email address.

12.3 Download and install T4A Maps Pro VIEWER

T4A Maps Pro viewer is just that, a VIEWER. It only allows you to see all your T4A Maps Pro's on one Mapsource screen.

There are two versions of Pro Viewer.

12.3.1 Normal Pro Viewer

http://tracks4africa.com/misc/t4a_maps_pro_viewer.zip (414kb)

With the normal viewer you can do the normal mapsroute planning. You can upload data (tracks, waypoints and routes) to GPS but a) you cannot select map tiles to upload them to GPS and b) you cannot do POI search.

To upload map tiles to GPS you still have to select individual Pro maps tiles and then stream them all together to GPS, which will give you a seamless T4A maps Pro on your GPS.

Take note that T4A Maps Pro viewer and T4A Maps DEMO utilises the same Windows registries. If you install T4A Maps Pro viewer it will replace T4A Maps DEMO.

An older version of T4A Maps Pro viewer requires a password = 'proviewer'

12.3.2 Pro viewer version 7.02

http://tracks4africa.com/misc/t4a_pro_viewer_for_702.zip (418kb)

This view is version specific. It will allow selecting map tiles and streaming them to GPS and it will allow POI search.

If you have new and older versions of Pro maps then this Pro viewer may not allow you to select map tiles to upload them to GPS. It is therefore recommended that you select individual Pro maps tiles and then stream them all together to GPS, which will give you a seamless T4A maps Pro on your GPS.

If you've installed the [T4A maps Pro-Africa CD](#) then Pro viewer will be installed and you don't need to install it again.

12.4 How do I view the T4A Maps Pro. ?

When you've successfully installed your T4A Maps Pro (below) you cannot access the maps via [Windows Programmes](#). You can only view your T4A Maps Pro from within the [Mapsource Software](#). Click the [view] menu and go to [select product]. You can also select T4A Maps Pro's by using the pull down menu in the view toolbar

12.5 Mapsource settings.

Make sure your Mapsource settings are EXACTLY as below. This is important,

http://tracks4africa.com/misc/mapsourc_settings.gif (110kb)

Specifically the settings

Show/Hide GPS detail is a tricky one. Hold down 'control' key and press 'g'
Services = ON
Symbols = LARGE
Map Detail = Highest.

If you don't see these settings on your Mapsource software then upgrade to the latest version. It is free
<http://www.garmin.com/support/mappingsw.jsp>

12.6 Zoom levels of T4A Maps Pro.

Take note also of the working principle of the T4A maps Pro.

http://tracks4africa.com/misc/zoom_levels.gif (416kb)

The T4A Maps Pro is best viewed with a zoom level of 5km. You may want to see the stunning and accurate detail using 1.5km zoom level (and closer) at these locations.

http://tracks4africa.com/misc/T4A_destinies.zip (10kb)

12.7 Uploading T4A maps Pro to your GPS.

When you stream maps to your GPS unit it will erase all the maps currently in GPS memory. So make sure you select all the maps you need before streaming them to your GPS. You can select different map tiles from different mapping products (eg. T4A Maps Pro and Garmap V4 streetmaps) and then stream them all to your GPS at once. On your GPS you can switch ON or OFF the map as and when you need it.

Consult your Mapsource HELP on how to do this. Take note you cannot select T4A Maps Pro's from the T4A Maps Proviever. You must select each Pro individually.

Using the [Mapsource upload](#) 1.) use 'Map tool' to select (high light turning pink) 2.) individual map tiles And then 3. Stream them all to GPS at once.

An alternative method to upload the maps to a map capable Garmin GPS is to use the [Sendmap software](#)

13. Installation of T4A Maps Pro on PDA's

Because of the variety of PDA's available on the market it is not possible to be specific as to installation on every make or model.

Needed for PDA applications here is a list of .img files and file sizes for T4A maps Pro.

Botswana (BW)	08000006.img	2214kb
East Africa (KE,TZ,UG)	08000004.img	4156kb
Lesotho (LS)	08000013.img	232kb
Morocco / Western Sahara	08000003.img	1387kb
Mozambique / Malawi (MZ,MW)	08000002.img	3158kb
North Africa (ET,SD,EG)	08000005.img	2854kb
RSA (Gauteng and North)	08000008.img	3286kb
RSA (KZN, Free State)	08000009.img	4226kb
RSA (West and North Cape)	08000007.img	5810kb
South West Africa (NA,AO)	08000010.img	5452kb
Swaziland (SW)	08000001.img	244kb
Zimbabwe / Zambia (ZM,ZW)	08000011.img	2578kb
Tunisia / Libya	08000013.img	1644kb

If you've installed the normal mapsource version of T4A Maps Pro, these files will be in folder **C:\Program Files\Tracks4Africa\T4A Maps Pro**

13.1 Special note on [Garmin Que](#) (routable software) by Peter Levey

Que is Garmin's software that ships with the Garmin GPS 10 Bluetooth receiver. It is also shipped as bonus software with the Garmap maps. Que can be used with any GPS that communicates using the Garmin protocol. [GPS Proxy](#) software can also be used as this software can convert a NMEA stream to Garmin and pass this on to Que. Que is installed on the PDA in the same way as any other PDA application. It can also be installed on a memory card on the PDA thus saving main memory for other applications.

Once installed maps need to be transferred to the PDA so that Que can display these. Mapsource is needed to do this and must be loaded on a PC. Tiles are selected from whatever mapping products are installed on the PC and these are sent to the PDA in the same way they would be sent to a GPS.

Connect the PDA to the PC using ActiveSync and run Mapsource on the PC. The PDA is seen as a GPS by Mapsource and this can be confirmed by trying to send tracks, waypoints or map tiles to the PDA by selecting the *Send To Device*. The PDA will be listed in the device field as [Garmin Que](#). The available storage locations are also listed and this allows the user to store large map tile selections to the storage card.

13.2 Special note on the [Gisrussa software](#) (non-routable) by Charles Treen

The [Gisrussa software](#) known to work well with the T4A map and which runs on Pocket PC machines and is available as (paid for) software. It is NON-ROUTABLE software but so is T4A Maps Pro, so it works well with T4A Maps Pro.

Russa *must* be registered and activated to use T4A maps, because in demo mode it can only use maps which are less than 100kb. The registration employs the PDA serial number, so can normally be only used on the one machine. The cost is currently 22.70 Euros. (2006.08.01)

If you want to test Russa on your PDA prior to registering you can use this special T4A map tile for the Port St. John area. <http://tracks4africa.com/misc/portstjohn.zip> (100kb)

Once Russa is installed on your PDA you can add the T4A library in its own directory to your SD or CF card, by any transfer method that is in use. There is NO specific name required for the map directory.

Russa Settings

Run Russa and use the File function in the Map view to point to the map in the T4A directory that you require to open.

Russa settings require the correct port to be selected as well as the correct protocol. A built in GPS receiver is detected and set by default, but any other input requires the correct COM port to be set. Protocols include Garmin, NMEA, Sirt and HP 65xx GPS.

This means that a PDA with no inbuilt GPS but with Bluetooth can talk quite cheerfully to a Garmin or Royaltek (NMEA) unit with Bluetooth.

USB and Serial cabling to a GPS depend upon what is available from the manufacturer in the way of cables or information about connector pin outs.

Tracks and Waypoints

Russa stores track and waypoint files in the PDA *My Documents/Tracks and Waypoint Files* titled by date by default. These files may be uploaded by any of the usual means to the desktop, i.e. Bluetooth, USB, Serial or Network or by copying to the SD card and using a card reader.

Palm and Other PDA's

Any PDA that supports Pocket PC will usually run Russa. However, many Palm and similar generic devices do not use Pocket PC. Any information about other devices that we receive will be included in these pages. The Russa website is quite helpful.

PDA's such as the [Sharp Zaurus](#), running Linux, may be able to run T4A using the [gpeGPS](#) or [gpsdrive](#) free software programs and a Compact Flash plug in GPS (Pretek CompactGPS or similar). An attempt to port T4A to the Zaurus and to [gpsdrive](#) on a laptop is expected to be completed by end-October 2006.

M&T Digi Nav

This application is supplied with the HP65xx series of PDA's, and is available as an add-on application for other PDA's. Digi-Nav does not, as far as can be ascertained, allow the use of T4A maps – well, we can't all be enlightened. There may be a back door by which the T4A maps can be inserted – if you know of it let us know and these pages can be updated. If we find it the pages will be updated.