

Motor Rally  
In – Car  
**SAFETRACK**



Car to Rally HQ  
Car to Control  
Car to Car



END Stage  
Time Display

AND

Stage Timing

**RALLYTIME**



Dual FLYING FINISH  
Microwave Beams



 [www.rallytime.co.za](http://www.rallytime.co.za) 

SafeTrack

# Motor Rally Product Evolution



**Rallytime I**  
1981



**Rallytime II**  
1989



**Rallytime GPS**  
2004



**And Now.....**  
**RALLYTIME TR & SAFETRACK**  
2009

All units still operational today

 [www.rallytime.co.za](http://www.rallytime.co.za) 

SAFETRACK

Motor Rally  
In – Car  
**SAFETRACK**



GPRS/GSM Internet Connection to Rally HQ and Website



Live Web Tracking & GPS Location



RF Radio Link to Control and nearest car



Audible & Visual Alarm



Dashboard Mounted



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SAFETRACK

Motor Rally  
In – Car  
**SAFETRACK**



OK button / Cancel Emergency

Emergency button

On / Off

 [www.rallytime.co.za](http://www.rallytime.co.za) 

SAFETRACK

# Motor Rally

## SAFETRACK Communications



Sends data  
via  
GPRS/GSM  
network to  
SafeServer

Rally  
Website

- Emergency
- Tracking & Location

- Results
- Stage times

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SAFETRACK

**Motor Rally  
Timing System**



**RALLYTIME GPS (( TR ))**



**START Stage Countdown Display**



**Jump Start Detect**



**Dual FF Microwave beams**



**END Stage Time Display**

 **www.rallytime.co.za** 

**RALLYTIME GPS (( TR ))**

**START Stage**



**RALLYTIME GPS (( TR ))**



**60 sec Countdown Display**



**Ultrasonic Jump Start Beam**

 [www.rallytime.co.za](http://www.rallytime.co.za) 

**RALLYTIME GPS (( TR ))**

# START Stage Details

Countdown Displays  
Seconds to go  
and Flashed  
Jumped Start  
Penalty



If no GPRS/GSM Signal at  
Control it will send *en route*

SafeTrack sends its start time & prev  
car times via GPRS/GSM to SafeServer

Ultrasonic Jump  
Start Beam

Rallytime TR  
Start Control



Prev Car times )))

Start Time )))



SafeTrack in Car  
displays  
countdown

# FLYING FINISH & END Stage



RALLYTIME GPS (( TR ))



Dual Microwave beams



FLYING FINISH Communications  
Box (RF link to END control)



Hands Free System



END Stage Time Display  
(RF link to FF control)

# FLYING FINISH & END Controls



Display Stage Time

**RALLYTIME  
END Control**



FF Time, Stage Time, Prev cars

Start Time, JS Penalties

- Emergency
- Results
- Tracking
- Information

SafeServer

GPRS/GSM



± 300m

Microwave Beams



Stored as Backup :  
Car no.  
Start Time  
End Time  
Stage Time  
JS Penalty

FF Time



**RALLYTIME  
FLYING FINISH  
Control**



RALLYTIME GPS (( TR ))

Service Park  
Parc Ferme  
Holding Area etc

Parc  
Ferme  
End(Out)



))) Car No., Time Out & Prev cars via GPRS/GSM

(( ( Time Out &  
Prev cars times



))) Car No., Time In & Prev cars via GPRS/GSM

Parc  
Ferme  
Start(In)



(( ( Time In &  
Prev cars times



SafeServer



[www.rallytime.co.za](http://www.rallytime.co.za)



RALLYTIME GPS (( TR ))