

BUDAPEST

Technical Knowledge Database


Road Assistance Services Commission
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FIA FIA Foundation for the Automobile and Society

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Outline

- Australian clubs
 - National Technical Support Unit
- Technical Knowledge Database (TKD)
 - Background to project
 - Functional requirements
 - Demonstration of mock-up

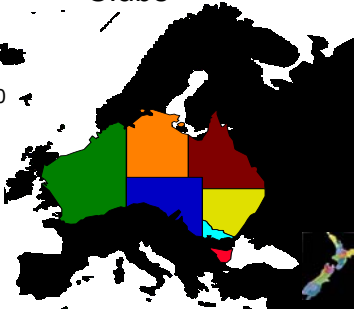


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Australian and New Zealand Clubs

- NRMA – 2 million
- RACV – 1.3million
- RACQ – 1million
- RAA SA – 550,000
- RAC WA – 450,000
- RACT – 100,000
- Other programs – 1.2million
- 6.4million vehicles




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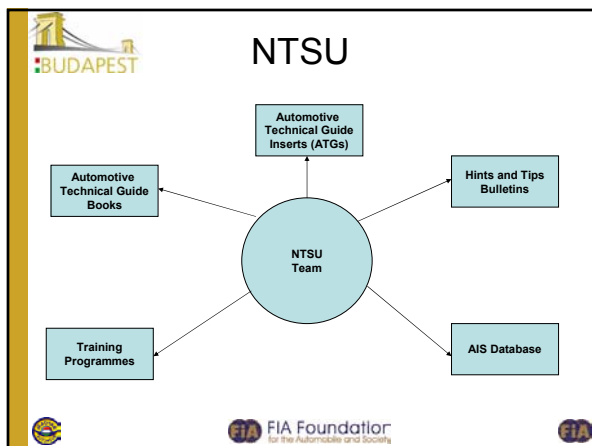
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Road Service Performance

- > 4 million jobs per year
- > 90% “go rate”
- 20-30 minutes average response time
- 60%+ of jobs;
 - Battery – 30%
 - Lockouts – 15%
 - Electrical – 10%
 - Fuel – 6.5%



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TKD Project - Concept

“To develop a capability that allows for the capture of technical information into one system that can deliver structured information in both electronic and printed versions, that meets the needs of all clubs”

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BUDAPEST Consolidated Data

ATG Data TEMPLATE 2004

Pic of car	
DESCRIPTION	
FEATURES	
BODY:	5 door wagon.
VIN:	Passenger side inner guard
COMPLIANCE PLATE:	Drivers side strut tower.
BUILD DATE:	On the vehicle identification label located on the drivers side inner guard.
ENGINE:	6 cylinder 4.0 litre petrol engine with DOHC and Variable Cam Timing.
ENGINE NUMBER:	Drivers side rear of the engine block.
TRANSMISSION:	4 speed automatic, with sequential sports shift or 5 speed manual.

New D/Base

AIS Database

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BUDAPEST Road Patrols - data

PEUGEOT 307CC 2004

DESCRIPTION

REGISTRATION SYSTEM: 4 door wagon or 5 door hatch.
 VIN: Driver side of the front.
 COMPLIANCE PLATE: Drivers side of the front (driver support panel on the left).
 BUILD DATE: 1 Last digit of the registration plate (last digit with '000').
 ENGINE: 6 cylinder 4.0 litre petrol engine with DOHC and Variable Cam Timing.

1. Check for any modifications to the engine and chassis (e.g. turbochargers, etc) and check for any signs of tampering.
 2. Check for any signs of tampering to the engine and chassis (e.g. turbochargers, etc) and check for any signs of tampering.
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SUBARU IMPREZA RS 2004

DESCRIPTION

REGISTRATION SYSTEM: 4 door wagon or 5 door hatch.
 VIN: Driver side of the front.
 COMPLIANCE PLATE: Drivers side of the front (driver support panel on the left).
 BUILD DATE: 1 Last digit of the registration plate (last digit with '000').
 ENGINE: 6 cylinder 4.0 litre petrol engine with DOHC and Variable Cam Timing.

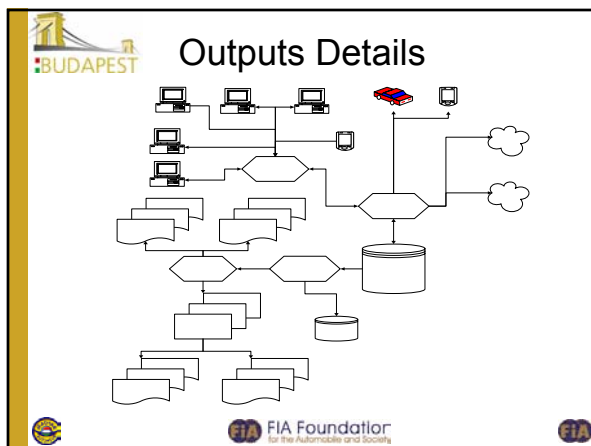
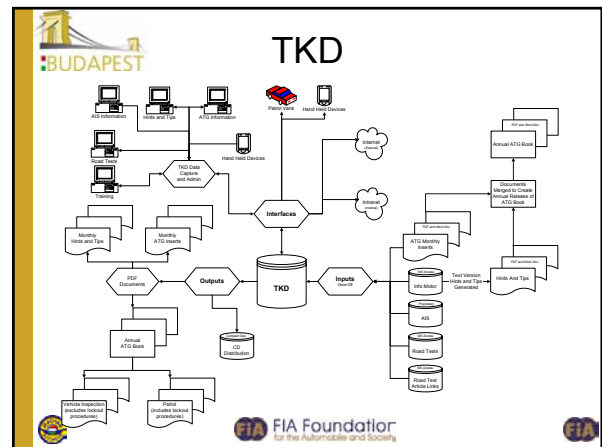
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BUDAPEST TKD - Principles

- Easy editing
 - Templates to structure data
- Same template;
 - Editing
 - Display
 - Multiple outputs
 - PDF generation
- Editing
 - fee form within structured sections

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BUDAPEST Schedule

- Mar 05 – Finalise functional requirement specification
- May 05 – Completed detailed TKD design documents and implementation budget
- Mid Sep 05
 - TKD development and construction
 - Ready for acceptance testing
- Mid Oct 05 – Begin TKD rollout

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Summary

- Technical Knowledge Database
 - Australian clubs and background
 - Outline of project
- Description of database
 - Functionality
 - Outputs
- Operational – Oct 05

