RS–Reference, Ground Truth System

Efficiently access massive and reliable ground truth data
Automatically evaluate every sensor in your DuT systems

RoboSense combines high–performance sensor systems with mature perception software to provide a set of accurate, efficient, complete, and customizable sensing performance evaluation tool chains.

The system solves the problems of high–cost, low–efficient and error–prone manual calibration, lack of evaluation tools and immature tool chains, greatly improving the efficiency of project development and accelerate the mass production process of AD and ADAS applications.
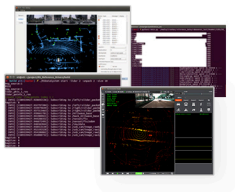
RS–Reference Advantages

High–performance and mature sensor system

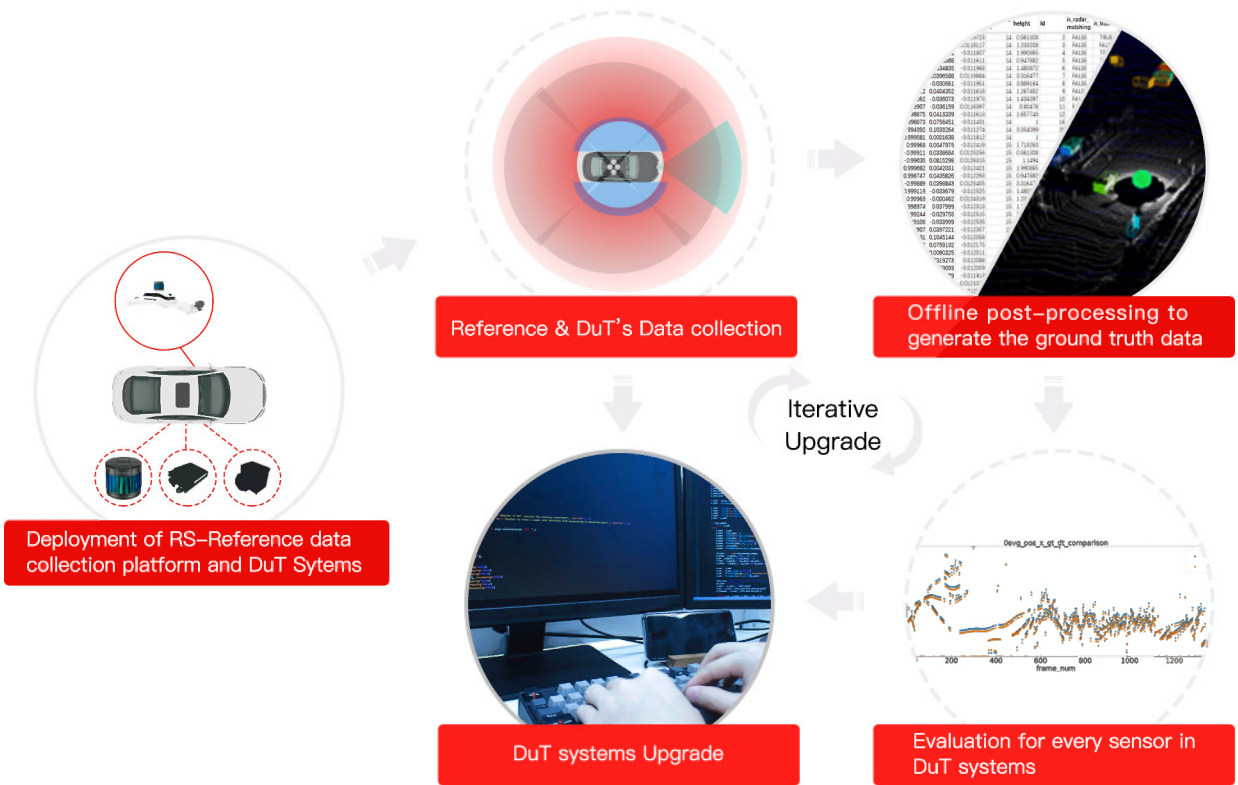Systematic, integrated installation process design, no more car modificationComprehensive system tool chain

Comprehensive Toolchain

Over 10 years' research and development expereince in Point cloud Perception technology

RoboSense LiDAR

www.robosense.ai

RS-Reference Validation Workflow

Deployment of RS-Reference data collection platform and DuT Sytems

Reference & DuT's Data collection

Offline post-processing to generate the ground truth data

Iterative Upgrade

DuT systems Upgrade

Evaluation for every sensor in DuT systems

Ground Truth

Urban arterial road scenes

Multi-lane parallel & lane merge scene

Fork in the road scene

In the tunnel

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