



INNOVATE & DELIVER

TECHNOLOGY SERVICES FOR A CONNECTED WORLD

Helping companies develop cutting-edge products by leveraging our domain expertise in connected technologies.



Quality . Integrity . Leadership

DOMAIN EXPERTISE AND TECHNOLOGY

EMBRACE THE LATEST CONNECTED TECHNOLOGY



AUTOMOTIVE

- Smart cockpit & IVI system development
- Vehicle BUS integration & simulation
- DMS & OMS development
- Telematics & V2X application development
- Vehicle cloud services development
- In-vehicle network access device development
- Automation test service & unmanned automation lab build up



TELECOM

- Radio access network
- Optical network & transport systems
- Core network & user data management
- DevOps platform
- Network management
- AI inspection platform
- Number portability
- Firewall virtualization platform

Leveraging our domain expertise, CIE NET helps innovative companies increase competitiveness and expand market presence.



EMBEDDED/IoT

- ARM, MIPS, x86, etc.
- RTOS & hypervisor safety DO-178C certification
- Intelligent rail traffic operation system
- Connected postage meter solution
- AI assisted intelligent IoT solution
- Edge computing and backend service



MOBILE

- Smart phone system & application development
- Laptops, tablets & Chromebooks
- Camera tuning & optimization
- Wearables SDK & application
- Applications: social network service, mobile TV, transportation, healthcare, VR & AR, etc.



ENTERPRISE

- ERP, MES system
- Prepaid, postpaid converged billing systems
- Enterprise teamwork solution
- Banking & securities solution
- E-commerce & commodity system
- AI-based video analysis
- Aviation charging system
- Cryptocurrency exchanges transaction system

LEADERS IN TECHNOLOGY CONSULTING

300+

Projects completed
from 2000 until now

40+

Fortune 500
companies as clients

90%+

Work environment
satisfaction

DISRUPTORS IN AUTOMATED TESTING

80%

Automation coverage

95%

Feature coverage

65%+

Test execution time
reduced

CERTIFICATIONS AND HONORS



Super Stars of the
Global Outsourcing 100



Top 10 China-based Offshore
Software Development Vendors



Top 10 Foreign-invested
Digital Service Providers in China



Best Innovation Practices
in Outsourcing

C-ATS Auto[®] SOLUTION

C-ATS Auto[®] is a test automation platform with a cloud-based test management system and scripting with zero programming experience to improve test efficiency, reduce time-to-market, and ensure product quality. C-ATS Auto[®] is designed for automotive in-vehicle infotainment systems.

The modern automobile is a software-driven experience.



Accelerate Your In-Vehicle Infotainment and Smart Cockpit System

C-ATS Auto[®] by CIeNET

C-ATS Auto[®] FEATURES

- Vehicle BUS (CAN / LIN / FlexRay) simulation
- Ignition simulation
- Chime recognition
- Speech recognition
- USB plug in/out simulation
- Text & image compare
- Android & iOS devices supported
- AI-based analysis and in-depth test results
- Screen capture from multiple displays
- Easy scripting without coding background
- XML and Python scripting languages supported
- Graphical test studio
- Multi-tasking and flexible deployment
- Dynamic task assignment
- Remote test executor configuration
- Optical character recognition

C-ATS Auto[®] BENEFITS



Full simulation of vehicle environment



Quick deployment and easy to use



Shorter testing cycle



High automation coverage



Excellent traceability of issues



High efficiency in scripting and debugging

C-ATS Auto[®] CASE STUDY

C-ATS Auto[®] can effectively automate up to 80% of all test cases. The high automation rate comes from CIeNET's deep understanding of IVI and experience in automated testing.

CIeNET recently accomplished testing for 2 models of a top OEM that consisted of 12,000 test cases and over 2,000 requirements. With C-ATS Auto[®], CIeNET set up an automation test environment and framework that covered 10 sub-systems on racks and in-car. Using propriety C-ATS Auto[®] technology, CIeNET completed acceptance tests for each of the customers' milestones.



ABOUT CIeNET

CIeNET, an ALTEN Group company, is a premier global information technology software development, consulting, and solutions company. Founded in 2000, CIeNET focuses on Telecom, Embedded, IoT, Automotive, Mobile, and Enterprise Software technologies delivering services from development centers and customer support offices in North America and Asia. CIeNET provides innovative solutions from concept to reality helping customers to bring ideas and products to market quickly and cost-effectively.

CIeNET GLOBAL REACH

NORTH AMERICA TECHNOLOGY & DELIVERY CENTERS

Detroit • Santa Clara • Toronto

ASIA TECHNOLOGY & DELIVERY CENTERS

Beijing • Changsha • Chengdu • Dongguan • Guangzhou • Hangzhou
Nanjing • Shanghai • Shenzhen • Wuhan • Xi'an • Taipei

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