



# ICTERRA

Information and Communication Technologies

# 25+ years

International | Multi-cultural  
Multi-disciplinary  
Project Experience

## ABOUT ICTERRA

ICTerra is a global software engineering company. We combine our software development experience with technology expertise and proven methodologies to provide innovative solutions to our customers across multiple industries. With 180+ software professionals, we have been building strategic partnerships with the world's top IT and defence companies, providing software development and test services.



Improving Software Testing is one of the most effective ways to improve Software Quality.



## TEST SERVICES

ICTerra's reliable and objective test team will serve you with test and evaluation services utilizing appropriate test types, tools and techniques as well as providing consultancy to leverage your software testing capabilities.

### Full Life Cycle Testing

End-to-End Test Coverage from initiation till delivery of the project to ensure errors, defects and inconsistencies are detected as early as possible in the life cycle

### Integrated Test Team

A dedicated and extendable team to gain full control over testing as a part of your development team

### Consultancy

Valuable support to design and implement your test and evaluation processes for all types of software development projects and life cycle models

## DOMAIN EXPERTISE



Defence & Aerospace



Telecommunication



Public Sector



Safety Critical Systems



Web & Mobile

# ACTIVITIES & DELIVERABLES

ICterra has the capability of performing various types of test and evaluation activities during each phase of software development life cycle, as well as broad experience in Test Driven Development and development of Test Simulators.

## TEST ACTIVITIES

Test Planning  
Requirements Review

Requirement  
Analysis

Test Plan

Test Design  
Design Review

Design

Test Scenarios  
Test Procedures

Unit Test  
Code Review

Development

Unit Tests Results  
Code Review Results

Functional Tests  
Nonfunctional Tests  
Product Documentation Review  
User Documentation Review

Release  
&  
Delivery

Test Reports

## DELIVERABLES & OUTPUTS

# TEST TYPES



# PROCESS

With our extensive experience on different SW Development Life Cycle Models; we can easily adapt to the life cycle of the project whether it is **V - Model**, **Agile** or **Iterative**. We plan, prepare, manage, execute and report the test & evaluation activities according to the chosen life cycle using our risk based process approach.

# TOOLS

## Test Automation

Ranorex, Selenium, Test Complete, Fitness

## Test Management

IBM Rational DOORS, TestRail, Zephyr

## Bug Tracking

JIRA, IBM Rational ClearQuest

## Code Review

FishEye, Crucible

## Static Test

Review Manager, IBM Rational ClearQuest

## Structural Coverage Analysis

VectorCAST

## MobileTest

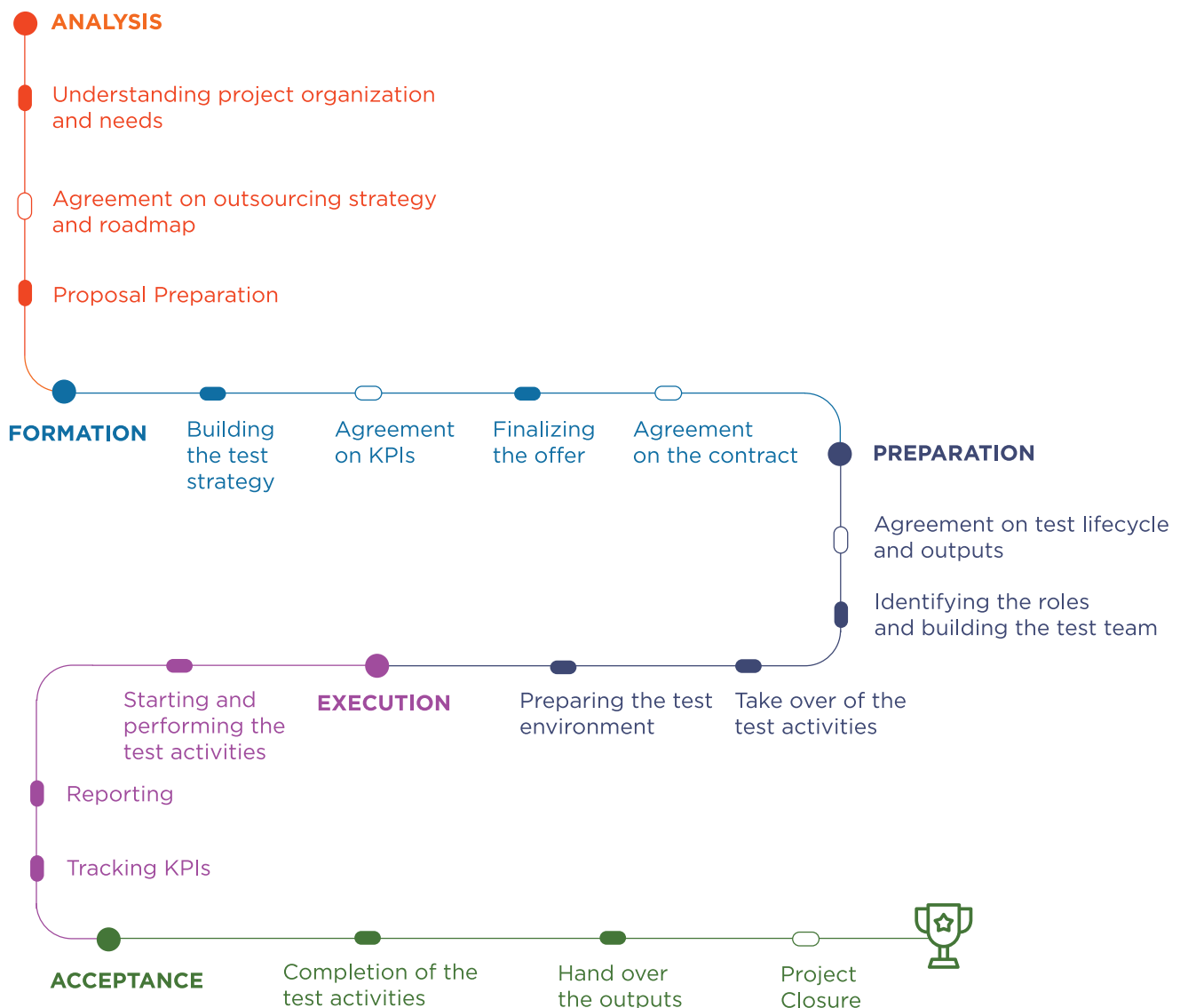
Appium

## Performance-Load-Stress Test

JMeter

# APPROACH

Following a proven set of steps, we work in close collaboration with the customer to plan, execute and complete test activities.



# REFERENCES

## Defense & Aerospace



**NATO AirC2IS**  
Software Testing



**Avionics Software**  
Development & Testing



**Göktürk Satellite**  
Ground & Mobile Stations  
Software Testing

**Video Exposition Solution**  
Development & Testing

**Electronic Warfare Software**  
Test Simulator Development  
Test Automation & Software Testing

## Telecommunications



**TDM/IP-PBX Configuration Management**  
Development & Testing



**Remote Services Platform**  
Development & Testing

**Session Border Controller**  
Solution Test

**License Management Infrastructure**  
Development & Testing

## Cyber Security



Industrial R&D Projects  
Grant Programme

**ATES Smart Intrusion Detection System**  
(Common Criteria EAL4+(ALC\_FLR.1))



**BAKS Honeypot Systems**

## Web & Mobile



**Discounted Food Discovery Platform**  
Development & Testing



**Enterprise Communication  
& Collaboration Platform**  
Development & Testing

## Public



**e-Interior Software**  
**Development and Maintenance**  
Development & Testing



**Electronic Public**  
**Procurement Platform**  
Development & Testing



**Municipality**  
**Contact Center**  
Development & Testing



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