Verifysoft Technology
Software Testing Solutions for your Quality and Productivity
Technologiepark Offenburg
In der Spoeck 10-12
77656 Offenburg
Germany

✓ Phone: +49 781 127 8118-0 (Germany)
✓ Phone: +33 3 68 33 58 84 (France)
✓ Fax: +49 781 63 920-29
✓ Email: info@verifysoft.com

www.verifysoft.com
☑ Introduction

- Founded 2003
- Headquarter TechnologiePark Offenburg (Germany)
  Office in France, worldwide Distributors
- 600+ customers in 37 countries on all continents (2018)
- Owner of Testwell Tools (CTC++, CMT++/Java, CTA++, ...)
  Development and Support
- Distribution and support of complementary software
testing and analysis tools in Europe
- Seminars
Partners

- **Testwell**
  Tampere (Finland)

- **GRAMMATECH**
  Ithaca/New York (USA)

- **Imagix**
  San Luis Obispo/CA (USA)

- **CONFORMIQ**
  Saratoga/CA (USA)

- **elvior**
  Tallinn (Estonia)
Most of our customers are in following sectors:

- Aerospace
- Automotive
- Medical
- Automation
- Transport
- Energy

... and other fields for critical software.
Customers

600+ satisfied customers
in 37 countries on all continents
Software bugs in Europe cost:

100 to 150,000,000,000 Euros a year

✓ Tendency still increasing
✓ Complexity of software doubles every 18 months

(Les Hatton, Kingston University London)
Cost of Software Errors

Software bugs cost up to:

14.000.000 Euros per company and per year

✓ 50% of the companies in the first year of utilization found up to 10 critical errors.

✓ 40-60% of the global budget is usually used for testing and correction

IDC-Survey in 2008 ‘Improving Software Quality to Drive Business Agility’, within American companies with 250-10.000 employees www.idc.com
Testing (Code Coverage and Static Analysis) is mandatory for safety critical software:

- DO-178C (avionics)
- IEC/EN 61508 (general)
- ISO 26262 (automotive)
- IEC/EN 50128 (railway)
- IEC 60880 (nuclear power)
- IEC 62304 (medical devices)

Our tools support you to achieve highest code quality.
Testwell CTC++ Test Coverage Analyser for C and C++
CTC++ add-on for Java and Android
CTC++ add-on for C#

All coverage levels
- Statement coverage
- Function coverage
- Decision/branch coverage
- Condition coverage
- Modified condition/decision cov.
- MC/DC coverage
- Multicondition coverage (MCC)

All compilers
All embedded targets!
Works with all unit test tools

Compliance with Standards
DO-178C - IEC 61508 - IEC 62304 - ISO 26262
Testwell CMT++ / CMTJava
Code Complexity Measurement Tools
for C, C++ (C#) and Java

Lines of Code Metrics
Halstead Metrics
McCabe Cyclomatic Number
Maintainability Index
CodeSonar
Static Code Analysis

Finds twice as many **critical** defects compared to other static analysis tools.

Improves security

Designed for high assurance

Employs sophisticated algorithms

Supports custom checks

Provides architecture visualisation

How Many Defects Are In Your Code?
FREE TRIAL
Imagix 4D

- Reverse Engineering
- Source Code Checks
- Static Analysis & Metrics
- Delta Analysis
- Automated Documentation
- Visualization of Code Coverage measures by Testwell CTC++
Premium Seminars with Dipl.-Ing. Martin Heininger

Testen von Embedded Software

Requirements Engineering

ISO 26262 – Anwendung der Norm im Projektalltag

Software-Entwicklung nach IEC 61508
Thank you for your time!

Your Verifysoft Team