

# Secure Code Review

This thorough assessment of software code will detect potential security flaws in your existing applications.

An application is vulnerable if it contains flawed or insecurely designed pieces of source code. This can provide an entry point into your network infrastructure or your data. It is therefore highly recommended to identify such vulnerabilities before they can harm your systems.

Only an extensive knowledge of information security makes it possible to propose these high added-value services, whose aim is to ensure the in-depth integrity of the company's IT infrastructure. Here are some of the checks we may perform:

## Code analysis

Our specialists evaluate the code from a security perspective and manually assess it for vulnerabilities, focusing on:

- Authentication
- Authorisation and access control
- Sessions management
- Error handling
- Input/output validation

## Cryptographic controls

We validate cryptographic deployment, which must not generate any exploitable vulnerability.

## Structured methodology

Navixia follows a strict methodology, which provides a reliable and structured process and makes it possible to compare the assessment results with recognised industry standards.

## Navixia SA

Navixia offers a flexible, personalised approach to information security.

## Specialist knowledge

Our efficient, mobile and highly experienced team consists of senior professionals who are all passionate about IT security. Some of them are pioneers and leading experts in their field.

## A reliable structure

Navixia is a Swiss limited company held by private Swiss shareholders.

## Navixia's services include:

### *Preliminary discussion*

meant to define the extent of the audit based on your specific requirements and depending on what elements are most crucial to your security.

### *Customised detailed offer*

based on the above discussion.

### *Implementation of all tests and analyses*

based on a strict methodology.

### *Overall project management*

with regular intermediary feedback.

### *Detailed report*

listing all issues identified during the audit and their potential consequences for your security, including protective actions to implement to enhance your security

### *Conclusion and recommendations*

with subsequent follow-up if required.

### *Presentation and explanation of report*

on site or via telephone conference.



# Trust and Confidentiality

## Our customers said:

“Navixia has always provided me with innovative and intelligent solutions in the field of security.”

“I greatly appreciate the availability and professionalism of its engineers.”

“Trusted partners, with great human and professional qualities.”

“We particularly appreciate the involvement of the Navixia team, both in the successful completion of projects and in handling critical incidents.”

“Navixia is a dynamic company with a competent and committed staff.”

“Navixia’s engineers are a real added value in our projects.”

“A team with great skills and unfailing availability.”

*Extracts from our  
yearly satisfaction survey, 2016*

The duration of an assessment depends on the scope of the analysis, which is determined after preliminary discussions.

We remain at your disposal at any time to discuss this in more detail, without any engagement.

A security assessment is a sensitive process since you appoint security specialists, who are not part of your organisation, to analyse the most intimate aspects of your IT infrastructure.

As a result, an extreme level of reciprocal trust is necessary between the parties involved. Navixia provides sound guarantees of security and confidentiality.

## Experience

Navixia can rely on a team of senior professionals, with a long-standing experience in all aspects of IT security. Some of our specialists are leading experts in their field.

## Systematic and verified approach

Following the signature of a non-disclosure agreement and prior to the audit, the extent of the assessment is discussed and defined in full detail.

## Total confidentiality

Our employees follow an extremely strict security and confidentiality protocol for the whole duration of the assessment.

## Swiss company

Navixia is a Swiss limited company held by private Swiss shareholders. We can vouch for the absolute trustworthiness and complete integrity of our employees.

## Strict methodology

Navixia subscribes to the principles of international standard ISO 17799 (BS7799) – a code of practice for information security management. Besides, our assessment methodology is also based on the OWASP risk-evaluation standard.