



# CANOPUS

INNOVATIVE TECHNOLOGIES



SOAP



BDS 2010

## TECHNOLOGIES

used by platform  
CANOPUS FS

## Among other things the following technologies are used in our platform:

1. MS SQL 2012
2. Transact SQL + CLR
3. FastReport
4. C#
5. BDS 2010
6. SOAP
7. PHP
8. NodeJS
9. Yii
10. Android:
  - 10.1. Java8
  - 10.2. Android Data Binding
  - 10.3. Agera
  - 10.4. Gradle
  - 10.5. Dagger2
  - 10.6. RxJava
  - 10.7. Material Design
11. iOS:
  - 11.1. Objective C
  - 11.2. ReactiveCocoa
  - 11.3. AFNetworking
  - 11.4. MagikalRecords
12. Information security:
  - 12.1. OWASP
  - 12.2. FIPS
  - 12.3. NIST
  - 12.4. HTTPS
  - 12.5. Multi-factor authentication including SMS passwords, OTP/MAC tokens
  - 12.6. [Cryptography in HSM Thales](#)
  - 12.7. Change over to SDLC is in the process.

## In the precesses of production and implementation the following tools are used:

1. Tack-tracking JIRA (+ TimeSheet, Arsenal Dataplan and other fee-paying and free plugins)
2. Version check system of sourcecode and Git documentation (integrated with JIRA)
3. Fabric.io + Answers + Crashlytics for mobile applications` analysis
4. ServiceDesk on JIRA basis
5. UML modeling
6. Worktime logging and control of budget projects are integrated with JIRA
7. Kanban and graph of number of tasks for Agile-projects
8. A separate information security architect is in charge of the product`s information security
9. Project management due to PMBoK
10. Implementation of GitLab, Wiki-portal, integration of SQL-code into Git, Continuous Integration are lined up.