

NEXA TECHNOLOGIES CZ

May 2018



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1

Company Overview





Our **mission**

Help governments to effectively fight against terrorism, hostage situations or any cyber threats.



Our **expertise**

Big data analytics & data management
Communication Intelligence
Protocol reverse engineering
Forensics & Security



Our **products**

Intelligence and interception systems that, no matter the transmission technology, capture, analyse and record.

2012 year of Nexa Technologies
company creation

70 employees, mostly
engineers

30 millions euros turn-around
for 2017

80 % of the turn-around is
made abroad

4 offices: Paris, Dubai,
Aix-en-Provence and
Brno

22 operational systems
around the world



The group

Nexa Technologies is part of a group of companies. Minor ownership of Nexa, Plath is well-known for its expertise in **COMINT**, **EW** and **ICM** for **60 years** now. The group is composed by **500 persons** and a turn-around of **130 millions euros**.

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2

Nexa CZ Overview



2015

year of Nexa Technologies
CZ company creation

5

employees, mostly
research

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intern

6

theses (finished or in
progress)

The team

R&D focused branch – demo, PoC

Network security – TCP/IP, GSM, protocol reverse
engineering, event detection using machine
learning

Cryptography – cryptanalysis, high performance
computing

Mobile platforms – Android, (iOS)

Product development in Brno (planned for 2018)

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3

Career
Job
Internship
Thesis



Research engineer – prototyping, evaluation of new technologies and algorithms

Developer – C/C++, Python

GUI developer – common web technologies, Javascript (AngularJS)

Applied research – network security, machine learning, cryptography

3-9 months, flexible working hours (exams, ...)

User action / event detection from encrypted traffic

Tor deanonymization

Darknet and cryptocurrency analyses

Detection of TLS attacks

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