Hansken Academy

Overview
Hansken courses
(Curriculum)

Hansken
The open digital forensic platform

Introduction

This brochure provides a complete overview of the many learning routes available for the various Hansken roles, as well as a detailed description of each Hansken course.

We offer a variety of training possibilities to fulfill the needs and interests of various Hansken users interested in developing their Hansken skills and experience.

To begin, the first section of this brochure provides an overview of the many learning routes accessible for the various Hansken roles.

The second section of this booklet includes in-depth details of each Hansken course. Whether you are new to Hansken or want to develop your abilities in a specific area, we provide a variety of training courses to meet your needs. Each training is carefully designed and presented by experienced colleagues who are well-versed in Hansken and the applicable application areas. We have everything you need to strengthen your talents and progress while working with Hansken, from basic training to advanced courses.

We wish you the best of luck as you explore this brochure and hope to see you at one of our Hansken courses soon.

Hansken learning paths

The following is an overview of the many learning routes available for the various Hansken roles.

For Case Investigators

- Hansken Fundamentals
- Hansken Intermediate
- Tactical Interface Transition training (optional)

For Analysts and Digital Experts

- For the collaboration with the tactical user and introduction to Hansken: Hansken Fundamentals and Intermediate, as well as the Tactical Interface Transition training (optional)
- Hansken Advanced
- Hansken Hackathons (scripting & extraction plug-ins)
- Hansken for Case operators (optional)

For Case Operators

- Hansken for Case operators (optional
- Hansken Hackatons (scripting & extraction plug-ins)
- Hansken Advanced (optional)

For Lawyers

- Hansken for Lawyers

For Judges and Prosecutors

- Hansken voor Judges and Prosecutors

Hansken Fundamentals

The professional training for new Hansken users

The online course Hansken Fundamentals is designed for investigators with no or little experience with Hansken.

➢ Do you have a lot of experience with Hansken and is the tactical interface no longer a mystery to you? Then you'll probably feel more at ease in the Hansken Advanced user training.

➢ Do you use Hansken but are no longer a beginner? Then consider the Hansken Intermediate training.

What to expect from this course?

This program provides a solid foundation for working with Hansken. All the knowledge and skills required to get started with Hansken with confidence are addressed. You learn to quickly discover digital traces in large amounts of data and what to do with it.

In keywords:
- Faster and better search in Hansken
- Increased search success
- Accurate files
- Efficient and goal-oriented cooperation
- Know what you are doing

What does the course look like?
- How: Online
- Duration: approximately 5-6 hours (own pace)
- 23 short modules (micro learnings)
- Practical exercises and assignments with explanation/feedback
- Created by colleagues
- Access to the Hansken training environment

What do you need?
- Access to the e-learning (the e-learnings are available within your own organization or by a provider selected by your organization).
- An account for the Hansken Training Environment.
- Access to the Internet.
- Basic digital skills: you can handle the computer.

Send your request for an account for the Hansken training environment to the contact person within your organization. He or she approves the application and has an account created for you. You will then receive your username and password by e-mail, and you can get started right away.

Which skills/knowledge/functionalities will you master after the course?
- You will know where to search.
- You can build a big picture of the seized devices and data using the Hansken homepage.

- You can search quickly, purposefully, and carefully by using scenarios, search questions, collaboration with colleagues and/or an evidence matrix.
- You will be able to search on multiple devices at the same time.
- You are proficient in searching with the most common searches: by text, in e-mail, images, chat, browser history and search history.
- You are aware of the challenges of interpreting date and time, geo-location, unknown, discarded and encrypted data.
- You know when to engage/hire a digital expert and ask the right questions.
- You are skilled in using tags; labels, notes and adding traces to the evidence containers.
- You can extract data from Hansken by reporting and exporting (depending on role and rights).
- You have insight into how information enters Hansken, and which roles are involved.
- You have Hansken's tips & tricks.
- You know how to keep up and keep your knowledge and skills up to date.

The Hansken Tactical User Interface (UI) Transition course
Efficiently make the step from the old to Hansken's new tactical user interface

The online Hansken Tactical Interface Transition course is for anyone:
- ➢ who has followed Hansken Fundamentals with the old tactical user interface, or
- ➢ who has these basic skills from practical experience.

What to expect from this training?
In this transition training you learn to work quickly, purposefully, and carefully with the new tactical user interface Hansken.

Is this the right course for you?
- ➢ Are you new to Hansken or is searching with text, in chat, e-mail, images, videos, browser history, viewing the search history or working with labels, notes and the evidence container a challenge? Then have a look at Hansken Fundamentals.

- ➢ Do you use Hansken and are you already familiar with the new tactical interface Hansken, but are you no longer a new user? Then have a look at Hansken Intermediate.

What does the course look like?
- How: Online
- Duration: approximately 60 minutes (own pace)
- 6 short modules (micro learnings)
- Practical exercises and assignments with explanation/feedback
- Created by colleagues
- Access to the Hansken training environment

What do you need?
- Access to the e-learning (the e-learnings are available within your own organization or by a provider selected by your organization)
- You can use your previously obtained account for the Hansken Training Environment for this
- Access to the Internet

Which skills/knowledge/functionalities will you master after the course?
This training focuses on the same skills you learned before in Hansken Fundamentals, but now applied to the new tactical user interface Hansken.

Hansken Intermediate

Builds a solid foundation for working with the Hansken tactical user interface

The online Hansken Intermediate course is intended for employees of investigative services who already have some experience with Hansken's tactical user interface or who have followed the Hansken Fundamentals course.

What to expect from this training?

This course will provide you with a solid foundation for working with the Hansken tactical user interface. The core abilities required to confidently work with the tactical interface Hansken are presented, including writing Hansken queries for tactical users.

Is this the right course for you?

➢ Are you new to Hansken or is searching with text, in chat, email, images, videos, browser history, viewing the search history or working with labels, notes and the evidence container a challenge? Then have a look at Hansken Fundamentals.

➢ Do you already have a lot of experience with Hansken and does the tactical interface no longer hold any secrets for you? Then you are probably more at home in the Hansken Advanced course.

What does the course look like?

- How: Online
- Duration: approximately 4-5 hours (own pace)
- 13 short modules (micro learnings)
- Practical exercises and assignments with explanation/feedback
- Access to the Hansken training environment
- Cre by colleagues

What do you need?

- Knowledge and skills at the Hansken Fundamentals level through practical experience or following the course.
- Access to the e-learning (the e-learnings are available within your own organization or by a provider selected by your organization).
- An account for the Hansken Training Environment.

Send your request for an account for the Hansken training environment to the contact person within your organization. He or she approves the application and has an account created for you. You will then receive your username and password by email, and you can get started right away.

Hansken

Which skills/knowledge/functionalities will you master after the course?

- You can create an overview of the data and determine where to search (extended).
- Based on what you observe, you can assess your suspects' digital skills and determine what this means for your investigation.
- You can search a large amount of evidence items (such as phones and computers) at the same time.
- You can search with a keyword list.
- You can filter further and further, until you find traces that you are really interested in.
- You know the difference between data and metadata, and you know why this distinction is important for your research. You can search specifically in data, metadata, or both at the same time.
- You can perform more complex searches. You can search for account names and know how to find data to determine the user of an evidence item (for example, a phone or computer).
- You can search for entities such as BSN numbers, credit cards, IBAN numbers or license plates.
- You can browse the folder structure using the explorer in Hansken.
- You can find out which applications that are relevant to the investigation have been installed on items of evidence.
- You know how to see which wireless connections are stored on an evidence item.
- You can build Hansken queries in the tactical user interface to further expand your search capabilities.
- You know how to further develop this skill on-the-job.
- You can perform a targeted search in tags and notes (labels, notes and evidence containers).
- You can work with visualizations.
- You are able to find out how, where and when a trace was created.
- You can interpret traces and evaluate the result of your research.
- You can determine when cooperation with the digital detective/expert is desired.
- You know Hansken's tips & tricks.
- You know how to keep up and keep your knowledge and skills up to date.

Hansken Advanced

The professional course for digital investigators, digital experts, analysts and intermediate Hansken users who want more

The Hansken Advanced course is designed for digital investigators, digital experts, analysts and intermediate Hansken users who want more with Hansken. This course focuses on the technical user interface (Hansken Expert UI).

What to expect from this course?
With this course you lay a solid foundation for working with Hansken as an advanced user. It covers all the skills you need to confidently do your job as a digital expert, analyst and highly advanced tactical investigator. You will learn how Hansken processes information, how to build complex queries and interpret results, use visualizations and report and export relevant material.

What does the course look like?
- How: physical workshops
- Duration: 2-3 days
- Short modules (micro learnings)
- Involves: practical exercises, your questions, and day-to-day challenges
- Access to the Hansken training environment
- Created by colleagues

The workshops are available within your own organization or by a course provider selected by your organization.

What do you need?
- You have a background through education or work experience as an analyst, digital investigator, or case operator.
- You are an experienced tactical Hansken user who wants and can do more. You have completed the online training Hansken Intermediate.
- The course materials (you will receive this after registration).

Which skills/knowledge/functionalities will you master after the course?
- You can write and execute more complex Hansken queries. For this you use the Hansken Trace model.
- You know which traces Hansken supports.
- You can customize the display of the search results lists in the Hansken technical interface and interpret the search results.
- You know how traces get into Hansken and what the different tools do.
- You can determine whether relevant tools or traces are still missing.
- You can interpret traces found.
- You can find out how a trace was created.
- You know which visualizations you have in Hansken and how and when you use them.
- You can extract information from Hansken in different ways.
- You can act as a source of information for the 1st line/case investigators.
- You can formulate concrete research questions regarding traces found for the 3rd line/experts
- You know the possibilities of extraction plug-ins and scripting.
- You know how to keep your knowledge up-to-date and how to expand it after the training.

Hansken for Case Operators
The blended professional training for Hansken case operators

The Hansken course for case operators is designed for those who are (will be) involved in:
- creating cases in Hansken;
- import (upload) evidence files;
- extract traces.

What to expect from this course?
With this course you lay a solid foundation for the processing of evidence files in Hansken. All the skills you need to do your job with confidence as a Hansken case operator are covered. You learn to make evidence files that are quickly and easily accessible to users who are authorized to investigate the data.

What does the course look like?
The training consists of two parts (blended training):
1. The first section of the course is available online. Here you will learn all important fundamental skills. You can do this at your own pace and at a time that is convenient for you.
2. The second part of the training is a physical workshop. Here you can ask questions about the online part and issues you experience in your own case investigations. Here you also learn to work with more complex issues that are important to you as a Hansken case operator.

The online course
- Duration: 3-4 hours (own pace)
- 19 short modules (micro learnings)
- Practical exercises
- Created by colleagues

Het physical workshop
The physical workshop is half a day in The Hague at the NFI, or live-online. You can attend the physical workshop if you have basic knowledge through your day-to-day job, or if you have completed the online course. Dates for the workshop can be found on the Hansken Community Portal. You can register for these workshops (and for the Portal) by sending an email to the Hansken contact person at your organization.

What do you need?
- Access to the e-learning (the e-learnings are available within your own organization or by a provider selected by your organization).
- Access to the Hansken SDK (optional).

Which skills/knowledge/functionalities will you master after the course?
- You can create a case.
- You can group evidence files by case, to make the right data available to the right users.
- You can place (upload) evidence files in Hansken.
- You configure, start and monitor the extraction process. You work together with case investigators and/ or digital experts.
- In the extraction process, Hansken sends traces iteratively to dozens of forensic tools for processing. Different forensic tools each have their own function in this process (e.g., extract emails from email databases, extract camera information from photos, determine keywords or calculate file attributes). After the training you know the function of the most important forensic tools.

- With a re-extraction you can replace or supplement the previously extracted data (e.g., with new or different forensic tools).
- When the extraction process is finished, you can check whether the extraction went well.
- You can make the data accessible for investigation.
- Because millions of tracks are often processed during an extraction process, multiple errors will generally occur in that process. You learn that errors can have different causes, for example because data is incomplete (e.g., part of an image or PDF), because the structure of the source data does not match the structure expected by a forensic tool (e.g., an incomplete e-mail database, a new version of a chat log) or due to environmental factors such as system overload. You know how the Hansken architecture works, what can be the causes of error messages and what possible follow-up steps are.

Hansken for Lawyers
Quickly find the material you are looking for in large amounts of data

The online training Hansken for Lawyers is intended for lawyers who have no or very little experience with Hansken.

What to expect from this course?
This program provides a solid foundation for working with Hansken. All the knowledge and skills required to get started with Hansken with confidence are addressed. You learn to quickly discover digital traces in large amounts of data and what to do with it.

In keywords:
- Faster and better search in Hansken.
- Increased search success.
- Accurate files.
- Efficient and goal-oriented cooperation.
- Know what you are doing.

What does the course look like?
- How: Online
- Duration: approximately 5-6 hours (own pace)
- 23 short modules (micro learnings)
- Practical exercises and assignments with explanation/feedback
- Access to the Hansken training environment

What do you need?
- Access to the e-learning and the Hansken Training environment via SDU (in Dutch).
- Access to the Internet.
- Basic digital skills: you can handle the computer.

Which skills/knowledge/functionalities will you master after the course?
- You can determine where to search.
- You can build a big picture of the seized devices and data using the Hansken homepage.
- You can search quickly, purposefully, and carefully by using scenarios, search questions, collaboration with colleagues and/or an evidence matrix.
- You are able to search on multiple devices at the same time.
- You are proficient in searching with the most common searches: by text, in e-mail, images, chat, browser history and search history.
- You are aware of the challenges of interpreting date and time, geo-location, unknown, discarded and encrypted data.
- You know when to engage / hire a digital expert and ask the right questions.
- You are skilled in using tags; labels, notes and adding traces to the evidence containers.
- You can extract data from Hansken by reporting and exporting (depending on role and rights).
- You have insight into how information enters Hansken, and which roles are involved
- You have Hansken's tips & tricks.
- You know how to keep up and keep your knowledge and skills up to date.

Hansken

Hansken for Judges and Prosecutors
The essential knowledge and skills to deal effectively with Hansken in your daily work

The Hansken for Judges and Prosecutors online course is designed for judges, prosecutors and related Roles or responsibilities to provide them with an understanding of Hansken and the essential knowledge and skills to effectively deal with Hansken in everyday work.

What to expect from this course?
During this training you will learn what you as judge, prosecutor, or with related a related role or responsibility should know about Hansken and digital traces, the forensic safeguards in Hansken and how lawyers access Hansken.

What does the course look like?
- How: Online
- Duration: approximately 2 hours (own pace)
- 11 short modules (micro learnings)
- Access to the Hansken training environment

What do you need?
- Access to the e-learning and the Hansken Training environment.
- Access to the Internet.
- Basic digital skills: you can handle the computer.