

*Master Thesis - "Information management to face the future of digitalization and AI  
(30 credits/20 weeks – 2 students or 15 credits/10 weeks, 2 students)*

## About us

GKN Aerospace is the world's leading multi-technology tier 1 aerospace supplier. With 33 manufacturing locations in 12 countries, we serve over 90% of the world's aircraft and engine manufacturers. We design and manufacture innovative smart aerospace systems and components. Our technologies are used in aircraft ranging from the most used civil aircraft to the world's advanced 5th generation fighter aircraft and the Ariane orbital rockets used by ESA.

## Project Background

In the aerospace industry there are requirements for jet engines to retain information through the whole life cycle, up to 70 years. To be able to fulfil these requirements, GKN Aerospace Sweden have developed a system to manage information that needs to be documented and retained. The system contains all kinds of information that needs to be retained, regardless of external or internal requirements. The system refers to processes and common rules for retaining information in IT-systems and archives. It has been developed from times were information was documented as documents, i.e. written in for example Word and stored in a format as pdf.

What we see now is that IT-systems are built around an object-based way of documenting information and in new formats. The creation and publicing of information get more and more digitalized when concepts such as Industry 4.0 and AI drives the development.

## Assignment Description

The aim of the thesis is to suggest changes in the system at GKN Aerospace for managing information to better face the future of digitalization, AI and new ways of documenting information.

- Content.
  - Review of literature of information management in the future.
  - Review of the current way of working with information management at GKN Aerospace.
  - Develop a proposal of changes needed at GKN Aerospace to be able to face the future of information management with for example processes and information models.
- Project milestones
  - Report of the content listed above.
  - Prestentaion of the thesis result at GKN Aerospace

We are in an interesting position and are strengthening the team, with good opportunities for continued employment.

## Qualifications

- Bachelor/Master's in for example Information management, Information technology and management, Computer and Systems Sciences.
- Swedish-speaking

## Apply by

Send your resume and cover letter to Irene Skystedt, [Irene.skystedt@gknaerospace.com](mailto:Irene.skystedt@gknaerospace.com)

Interviews will be conducted on an ongoing basis, and the position may be filled before the application deadline.

Last date for application: 2024-12-31.

