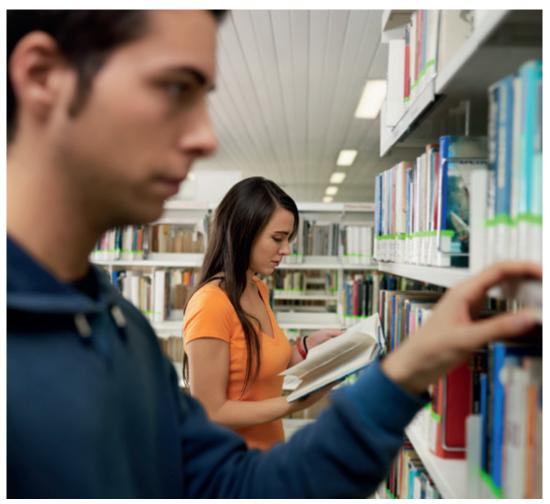


SYSTEMATIC

Approximately 1,500 Danish public libraries and educational learning centres are set to become users of the Joint Library System, which will cover more than 50 million annual loans

THE DANISH JOINT LIBRARY SYSTEM

The Joint Library System in Denmark is one of the largest of such library systems in the world and the result of close cooperation between the Danish municipalities. The system covers almost all the Danish municipalities and was developed on the basis of tender requirements defined and developed by a working group consisting of KOMBIT (the joint IT company for Danish municipalities) and representatives from the municipal public libraries, educational learning centres, and educational centres in Denmark. Approximately 1,500 Danish public libraries and educational learning centres are set to become users of the Joint Library System, which will cover more than 50 million annual loans.





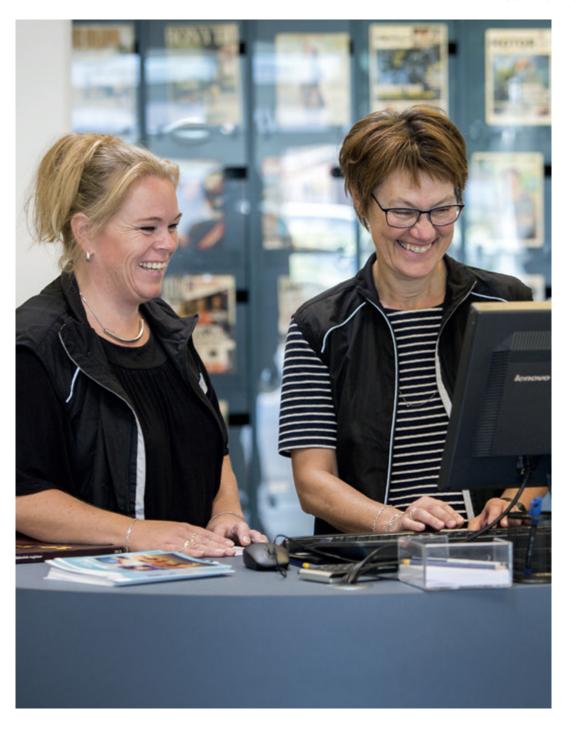


The Joint Library System is one of the largest projects worldwide within the library sector

TECHNOLOGICAL MODERNISATION CREATES VALUE

This is the first time ever that a single library system is able to cover most of Denmark. This in turn opens up a range of opportunities for the library sector — including big savings:

- Joint operations and administration
- Effective support for workflows
- Intuitive, user-friendly solution for patrons as well as staff
- Lower library operating costs for municipalities

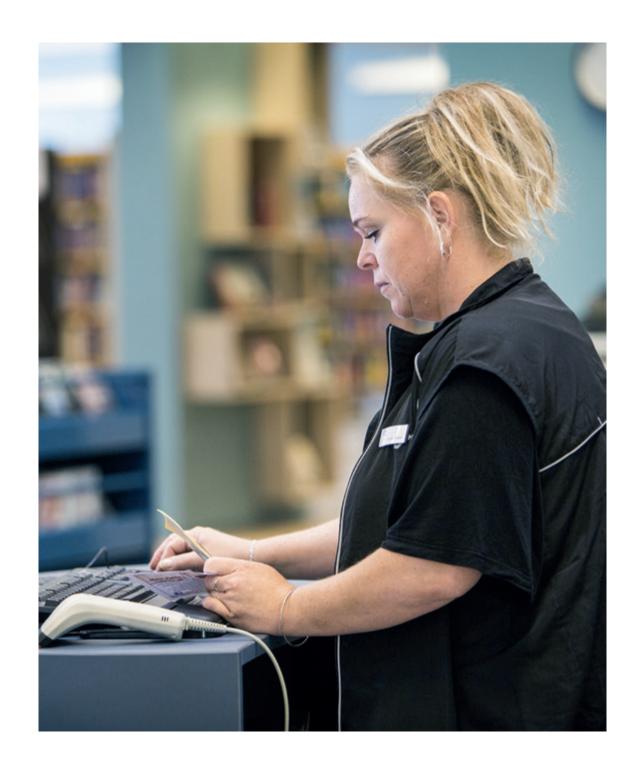


The system was built on the basis of requirements stipulated by the Danish municipalities participating in the project

CICERO LIBRARY MANAGEMENT SYSTEM

The Cicero Library Management System is the core of the Joint Library System and is a new tool designed to support workflows in libraries. The system can be integrated with all types of existing solutions for library users.

This scalable system can deal with all the administrative processes associated with library materials throughout their service life. It was designed on the basis of a desire for a unified, transparent, national structure in libraries in Denmark. The system was built on the basis of requirements stipulated by the Danish municipalities participating in the project, but is equally suitable for the administration of all types of libraries and collections of library/teaching materials.



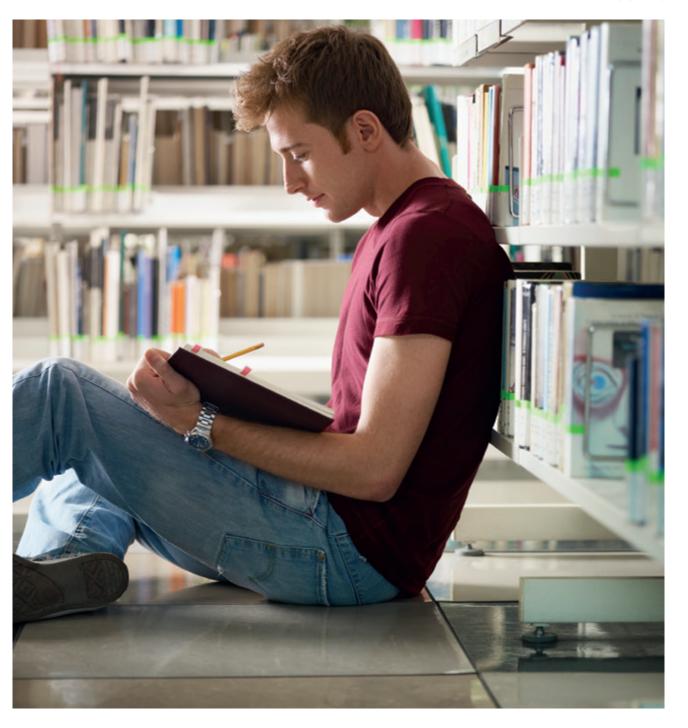
BENEFITS

The Cicero Library Management System was developed with a focus on lower operating costs (savings of up to 30%) and easier administration. The system is based on open standards for use by libraries of all types.

The Cicero Library Management System provides effective support for:

- Search throughout library records
- Search for library materials
- Maintenance of library materials
- Inter-library loans
- Purchasing integration to suppliers
- Booking
- Handling library materials
- Administration of loans and fines
- Integration with accounting systems
- Cataloging
- Generation of statistics
- System administrator tools

The system also provides fundamental improvements and streamlining of staff work procedures.



WITH THE CICERO LIBRARY MANAGEMENT SYSTEM, YOU GET:

- A platform based on open and recognised standards
- Opportunities for common processes and collaboration between libraries
- Lower operating costs for the municipalities responsible for the libraries
- Support for cooperation between school libraries and educational learning centres
- An intuitive, user-friendly solution with a modern, contemporary appearance
- Effective support for staff work procedures

The Cicero Library Management System is specifically designed for use by administrative staff in libraries and provides access to all types of data associated with library operations — including sensitive personal data.



THE "F" KEYS

F1 IS WHERE USERS LOG IN AND SEE THEIR TASKS

You can use F1 to:

- Log in to the system via a personal login
- See tasks depending on the role you have logged in with
- Access the system-generated tasks and messages sent from Cicero to the individual user



F2 IS WHERE LIBRARY MATERIALS CIRCULATE

You can use F2 to:

- Deal with all tasks related to the care and supervision of library materials as well as loans, deliveries, reservations, inter-library loans and management
- Search the library's inventory
- Get information about the status of inter-library loans
- Find patrons via groups or direct lookup to reveal (for example) what the patron might owe or which library materials the particular person has borrowed or reserved



F3 IS WHERE LIBRARY MATERIALS ARE PURCHASED AND PROVIDES AN OVERVIEW OF ACCOUNTS

You can use F3 to:

F3

F6

- Acquire, purchase and register new library materials
- Find the bibliographic record of already purchased materials and order additional copies
- Access the week's material selection lists and place orders for materials, which can subsequently be ordered directly from the supplier through the electronic EDItX system
- Create bibliographic records for materials that cannot be found in the data repository
- Create an overview of spendings with regard to library accounts



F4 IS WHERE USERS BOOK MATERIALS FOR THE FORTHCOMING YEAR'S TUITION

You can use F4 to:

- Search for and book materials held in school library collections
- Add the teacher who wishes to use the booked material as a patron
- Add the linked students as being secondary patrons
- Create and fill in bookings
- Print pick lists for library staff when materials have to be packed and readied for transport

F5 IS WHERE USERS CREATE OVERVIEW LISTS AND STATISTICS

You can use F5 to:



- Print pick lists when reserved materials are to be sourced from library shelves
- Search for bills and invoices, all of which are dealt with either manually by printing and sending a physical letter or electronically by sending them via email
- Activate the emergency system if the Cicero LMS disconnects from the data repository, the hosting partner, or other external partners.
- Create a list of the loans and deliveries made while the emergency system has been in use
- Generate a range of different statistics, including appropriate library royalties, lending statistics, etc.

You can use F6 to:

- **F6 IS WHERE MATERIALS. PERIODICALS AND** THEMES ARE CONFIGURED
- Register suppliers and supplier agreements
- Set up account plans and allocate budgets
- Set up searches to generate automatic materials lists
- Set up the itineraries for libraries' drivers to follow when delivering books that have been reserved

F7 IS WHERE LIBRARIES, USERS, PATRON GROUPS AND **LENDING PROFILES ARE REGISTERED**

You can use F7 to:

- Set up lending rules and create groups of library material
- Set up and edit patron groups
- Register the library's layout and structure - departments, display set-ups, etc.
- Set up user profiles
- · Register client setups (printers, scanning equipment, etc.)
- Carry out server setup configuration of each library's particular solution
- Set up remote access

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SYSTEMATIC WANTS TO MAKE A DIFFERENCE

Systematic A/S develops software and system solutions for a wide range of clients in both the public and private sectors. These clients share a need to integrate, collate and analyse large amounts of complex data, and to create an overview that helps enable them to make well-informed decisions.

Systematic was founded in 1985 and has therefore built up more than 30 years of experience. Systematic is now the largest privately held software company in Denmark, with large international groups as partners.

The company has 800+ employees, and is headquartered in the Danish city of Aarhus, with subsidiaries in more than ten countries across the globe.

