

Sistema TRESS Implementation



The Institute

El Colegio de la Frontera Norte is a college and scientific research institute specializing in the study of social issues that originate in the populations near the U.S. - Mexico border. In the year 1979, El Colegio de México established a border population research program, the object of which was to establish formal support for research in the field of international border related social issues. As a result of the program came the creation of the Centro de Estudios Fronterizos del Norte de México. A study conducted in thirteen different border cities across the country determined Tijuana to be the most suitable place for the new research center.

On August 6, 1982, the institute was formally established as the Centro de Estudios Fronterizos del Norte de México (Cefnomex).

On February 12, 1986, it was decided to rename the institute El Colegio de la Frontera Norte (Colef).

El Colegio de la Frontera Norte is part of the SEP-Conacyt System. It has undertaken the development of more than 800 research projects on topics ranging from international border related issues to relations between the U.S. and Mexico. It employs one hundred and six researchers, forty five of whom form part of the Sistema Nacional de Investigadores (SIN).

The institute has also published more than one hundred books, produced over twelve hundred radio shows, twenty videos and many audiovisual presentations on their research topics. Today, El Colegio de la Frontera Norte's library holds 15,000 essays that represent a total of 24,000 volumes; one hundred and seventy databases stored in both floppy and optical disk; subscription to 96 magazines; and access online databases. El Colegio de la Frontera Norte keeps a collection of approximately fifteen hundred photo records, which are a valuable aid to research carried out by the institute, particularly when studying international migration, factory worker lifestyles, the environment, and many other issues central to Tijuana as a city.

In terms of graduate programs, up to the present day, two hundred and seventy four students have obtained a master or philosophical degree in Social Sciences from the institute.

For more information on El Colegio de la Frontera Norte, visit www.colef.mx

Needs addressed

El Colegio de la Frontera Norte's payroll system was a software application developed by one of the institute's IT specialists, on whom it was entirely dependant. Any and all required updates to the payroll system had to be

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programmed by the IT specialist directly. It was a single-user application that ran on a single personal computer, so it was necessary to be strict with how much time any one user was allowed on it in order to maximize the resource. The application covered the payroll only, so that personnel data was managed manually and kept in files, and supported by Excel spreadsheets.

Added value - Why the institute chose Sistema TRESS




The introduction of Sistema TRESS in El Colegio de la Frontera Norte brought with it the following benefits:

PAYROLL: A tool that allows the institute to manage information with improved efficiency, to be autonomous in terms of managing the system, and not to have to depend on any single staff member. Also important is the ease with which Sistema TRESS helps the user manage its reports.



HUMAN RESOURCES: Up-to-date information on institute personnel. Sistema TRESS revolutionized the organization's human resource department by streamlining operations and eliminating the need to organize information manually. The institute was able to reduce each department's workload and have them tend to other, more relevant issues.

Sistema TRESS modules used by COLEF

Implementing Sistema TRESS offered the institute the following benefits:

Solution	Benefits
 <p>Employees</p>	<ul style="list-style-type: none"> - The process of managing employee data was made faster - The ability to review employee workplace history through a simple click - Bookkeeping registry of vacation time, authorizations and disability leaves - Integrated salary recalculation - Variable benefits part calculation - Contract printing, work letters using Mail Merge - Automatic generation of the RFC's including Homo Clave
 <p>Payroll</p>	<ul style="list-style-type: none"> - Speed when carrying out payments through electronic banking - Handling of various different types of payrolls - Automatic tax record generation - Savings funds management - Annual processes calculation - Payroll concepts calculation tracing for tax audits - SAT interface for presentation of annual tax declarations
 <p>Training Courses</p>	<ul style="list-style-type: none"> - Training automatically assigned to new employees - Training matrix for each job position - Course records with information on training received, evaluation results, and sessions taken - Organization of courses by session - Attendance lists with training evaluation results

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	<ul style="list-style-type: none">- Meal allotment assigned and managed according to institute policy- Detailed consumption records- Consumption rule validation- Elimination of the need to manually manage meal exchange- As part of Sistema TRESS, it can automatically deduct meal consumption from payroll
	<ul style="list-style-type: none">- Flexible report generation: easy to add, modify, and delete reports.- Output to: monitor, printer, ASCII files, Excel spreadsheets, RTF, HTML, PDF- Totalization criteria- Reports are put together through formulas, using a built-in data dictionary

Client Testimonial

Carmen Salazar - Payroll supervisor

“The report generator is a powerful tool for our organization, as it allows us to obtain any information the various government agencies may require.”

Isabel Durón - Labor relations

“With the implementation of Sistema Tress, there came a 50% reduction in the time spent in managing personnel information, and most of our department’s operations became automated. Important is also the fact that my collaborators are now independent in managing information, and don’t need to rely on me when compiling or generating reports.”