

# The Procedure for Controlling Information Flow, Illustrated through Accounting

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**Abstract:** This article considered information flow management in the context of accounting information. The skills of using information media and using software products have been revealed in the implementation of calculation work.

**Key words:** information flow, programs, calculation process, accounting, special applications.



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**Introduction.** information management is understood as the organization and use of the information supply system for production and economic processes in the enterprise. It is based on a systematic approach that includes all activities related to the planning and management of processes aimed at providing the enterprise with relevant information. Every enterprise is responsible for the integration of information support for making decisions determined by the passport data of the product, its life cycle and production technology, the selected method of data processing, and the means of information transfer to customers and partners must have its strategy other factors.

It is very important to provide information to the accounting process. Emphasizing the independent importance of managing information flows and resources for the effective operation of the enterprise, many experts emphasize special information logistics. An effectively managed information flow should be at the heart of an effectively managed material flow. There are three options for the interaction of material and information flows, after which the information moves forward, accompanies, and explains it.

The purpose of the information provided in the field of accounting is to be able to manage, control, and comprehensively plan the movement of payments and products. This requires complete control over the entire mass of information produced and transmitted. The problem of continuous accounting of system activity results is becoming increasingly urgent, which helps to

quickly introduce changes both in construction and in the implementation of production processes and commodity turnover. Today, companies can collect and process reliable data (about the state of finances and warehouses, movement of materials, prices of competitors, etc.) and analyze them, make one or another decision, and succeed in not falling behind.

**Methods of managing information flow.** The transformation of parameters and data into information for management is subject to certain principles. The main one is the principle of the minimum required amount of information, based on the principles of information universalization and optimal detailing. The principle of reliability of collected data is equally important. A high level of randomness of events often leads to unstable indicators of a temporary nature, which, even if temporary, can significantly affect the value of other indicators. Modern production's dynamics and random variability means that it is necessary to observe the principle of continuity of production and commercial data collection.

Information flow management includes the implementation of the following main typical functions:

Flow filtering, i.e. selective processing of some data and documents and rejection of other data and documents;

- ✓ collecting information and storing data in the information array;
- ✓ unification and separation of information flow in the structure of the information system and communication networks;
- ✓ transport of information flows;
- ✓ various elementary information transformations;
- ✓ data processing aimed at obtaining information related to the implementation of logistics operations.

The variety and volume of collected data require a systematic approach to their processing. The volume of various information transmitted through the information and telecommunication infrastructure in the world doubles every 2-3 years. The problem of "information overload" is solved today by extracting the information necessary for the user's needs from the entire data set through the use of excellent circulation tools, further data processing, and timely updating. Modern technologies make it possible to solve the problems of compression of internal and external data, use of commercially useful interfaces, and transfer of common knowledge between organizational units and cooperation partners.

**Software products used.** Product overview 1C: The school management software package provides opportunities Systematization of information about employees and students; Automation of planning and organization of educational processes, administrative, financial, and economic activities; Automation of library activities; Catering organizations. The 1C: School management software package includes the 1C: Enterprise 7.7 technological platform and a set of configurations (programs):

"1C: ChronoGraph School 2.5 PROF"; "1C: Chronograph salary"

"1C: School meals";

"1C: School Library";

"1C: ChronoGraph fee for PROF account";

"1C: Wages and personnel";

"1C: Accounting budget institutions".

The complex also includes a Table editor "ChronoGraph 3.0 Master"; Electronic directory "Education, Science, Innovations" and; Electronic catalog for school libraries.

To activate the key and install the product, a hardware security key (USB key) is used to prevent unauthorized use of the 1C: Enterprise 7.7 system. Without the installed security key, it will be impossible to use the software package. To install the software package, you need:

1. Install the "1C: Enterprise 7.7" platform.
2. Set the configurations.
3. Install the license manager.
4. Install the security driver.

It is recommended to perform a network installation when installing the platform. It is recommended to install "1C: ChronoGraph School 2.5 PROF" and "1C: School Library" configurations on a local network server. It is recommended to install "1C: School Meals", "1C: ChronoGraph Billing for Accountant PROF", "1C: Payroll and Personnel", and "1C: Accounting for Public Institutions" configurations on local computers.

A local network with a dedicated server running Microsoft Windows Server 2000/2003 operating system is required for effective multi-user operation of the software package. To ensure protection on the local network, a HASP network hardware key is connected to the USB port, designed to protect the 1C: Enterprise software system, the HASP License Manager utility is running and HASP must be. The device driver is installed on the same computer. If the school does not have a local network, you can use the "1C: School Management" package only on one computer with a HASP USB dongle connected. This computer must have the 1C: Enterprise 7.7 platform installed, the necessary configurations, the license manager, and the protection driver.

"1C: Enterprise 7.7" is a technological platform that allows you to create various practical solutions and ensure their operation. A single technological platform meets the requirements of standardization and ensures scalability of the solution (system availability - from one local computer to dozens of users connected to a local network), includes user-oriented tools necessary for improvement and improvement of practical solutions takes including tools that allow them to independently develop changes of any complexity, as well as, if necessary, additional configurations needed in a general educational institution.

"1C: Chronograph wage" configuration (additional) "1C: Chronograph payment for labor" configuration for the automation of activities of educational institutions and the formation of a labor remuneration fund and normative financing per capita (NPF ) educational authorities to calculate the salary of employees according to the new salary system (NSOT).

**Conclusion** "1C: School meals" configuration The program allows the employee of the school food department to keep a personal account of the number of meals and the cost of meals. Compilation of the main and reserve list of diners; Introduction of documents "Appointment of the group of food consumers" and "Temporary withdrawal from food" with automatic control of expiration dates; Keeping the "ration card"; Accounting for separate food costs for each consumer group, daily registration; Preparation of final documents for the month; Formation printable forms kitchen coupons.

Configuration "1C: salaries and employees" The program is designed to calculate the monthly salary of school employees, taking into account deductions. The "1C: Payroll and employees" configuration allows not only to automate of the calculation of wages, but also to organize the account of employees, register official actions, and receive statistical data. employees, and accounting documents.

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