

# An Organization Connection and Control Method for Store Management

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**Abstract**—This paper is about organization connection and organization control that can bring changes to business work. Currently, the research about organization connection through business system emerges to be significant. However, the research method for organization connection in business system still stays only on the theoretical aspect. Therefore, this paper analyzes the impact of organization connection on enterprises or industries. For this, it seizes the importance of control factors. Also, it progresses procedural studies about building and evaluating control system. In other words, it distinguishes the importance ranking of control factors and searches solutions. This paper improves the problem of current research, and lays out control evaluating model that considered the goal of system control. It describes the validity of the model through analysis and it finds out the efficient control system configuration measures. In addition, it distinguishes control evaluating factors through structural approach method and expresses the level. By using objective control method, this paper finds out the improvement of decision making. Lastly, it suggests the control method for efficient usage.

**Keywords**—Organization Connection; Control Method; Business Management System; Store Management

## I. INTRODUCTION

The successful introduction of organization connection has a great effect on organizational management. The business system construction for this field can bring changes to organization structures and way of working. Currently, researches about organization connection field through business system appear to be important. However, the research method for organization structure in business system needs to be expanded because it stays on the theoretical side. The purpose of this paper is to analyze effects of organization connection to enterprise from the perspective of information system. First, it takes a look at the importance of business control system evaluation. For this, it judges relative importance by considering appropriate control factors. The research proceeds according to construction of control system and evaluation steps [3]. Currently, the research about the efficiency of control system but there is a possibility that determined control factors are inappropriate. We need a model that can distinguish the importance of control factors. This research redeems the problems of current research by these requirements. Also, it organizes and seizes control factors composing business system. It takes a look at the control goal and lays out control evaluating model taking this into account. It discusses about efficient control system composition. By using AHP(Analysis Hierarchical Process) model, it applies to decision making problem process. AHP is divided into the principle of identity and decomposition, the principle of discrimination and comparative judgement, the principle of synthesis [5].

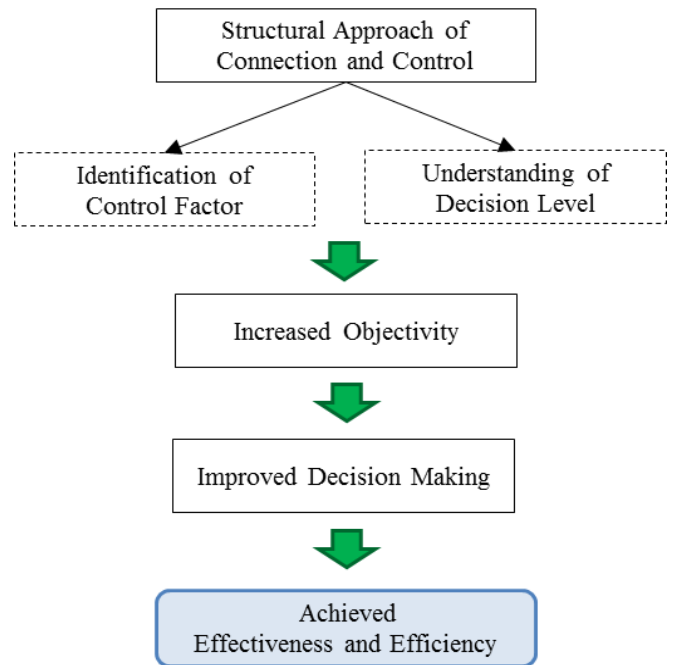


Figure 1: The Process of Connection and Control Model

The organization connection which uses business system affects organization value and also enterprise. By constructing efficient value system, we can have competitive advantage [4]. This means that the connection using business system plays a vital role in organization control management. The importance about control system evaluation has been emphasized by several scholars. When evaluating the system, we should consider control factors significantly. The grasp of control system is needed to construct and evaluate efficient control system. Harper announced a research about assessment of efficiency using control factors. Suggested the model by using the standard of control [13]. Researched whether the determined control factor is appropriate or not. For this, the application of priority for control factors is required [9]. This research seizes the validity of the model through analysis, discriminates control factors through structural approach method. Also, figures out the level for control. By using objective control method, searches measures that improves decision making [11]. The evaluation of control factors, control system model and AHP model applications are made.

## II. ORGANIZATION SYSTEM CONNECTION

Organization value system is a structure needed to conduct business process. Value chain data is included here [7]. Organization value system is a basic mechanism that deals with organization goods or the flow of service. In market, processes using an external process. To reduce the cost of process organization internalizes process. Because of this, it can get cost savings but production efficiency decreases. From this point of view, value system determines the difference

between the cost and production efficiency. In value factor, there are asset specify, product description and uncertainty [10]. The link of business system integrates value and function that occurs in organization. As a result, the organization that has more information has more power. The link of business system enables organization to effectively influence [8]. Value market can be expanded not only the inside of the organization but also to outside.

Table 1: The Organization Connection and Value Market

Types	Characteristics
Organization Connection	<ul style="list-style-type: none"> <li>- Link through cooperation of policy and function</li> <li>- Expansion of transaction limitation</li> <li>- Increase of control function</li> <li>- Increased efficiency through simplification of the procedure</li> </ul>
Value Market	<ul style="list-style-type: none"> <li>- Existence of majority of traders</li> <li>- Available transaction of market form</li> <li>- Decrease of monopoly</li> <li>- Increased efficiency through information acquisition</li> </ul>

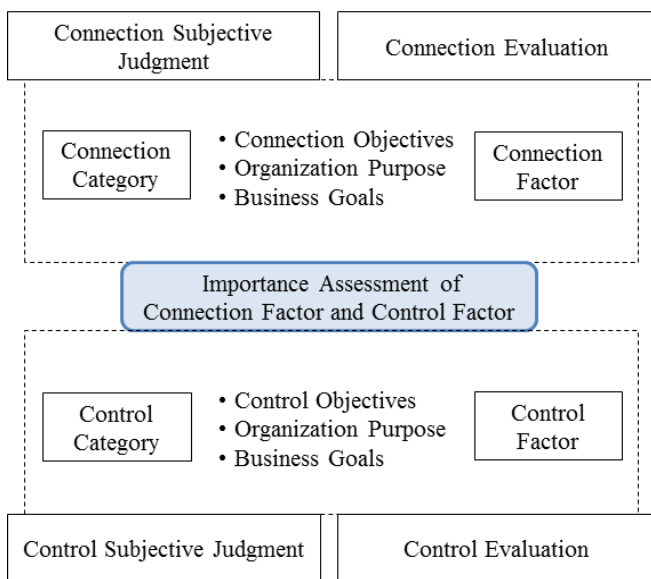


Figure 2: The Structure of Connection and Control

Organization connection integrates policy and function of the organization. Simplifies connection form through process. It can get information of supplier or buyer through organization connection. Value market provides necessary information for decision making [16]. Because of this, it can dispose of the uncertainty for the business environment. Organization system connection plays a role of the transaction

### III. ORGANIZATION SYSTEM CONTROL

#### A. Organization Control Method

The organization control method and technique are based on performance standard. Organization and management evaluates policy, structure, operation, control of business system [9]. Organization control regulates tasks and steps for system [15]. System environment analyzes control policy, organization structure, operating procedure. The operation evaluates organization policy and many steps. Maintenance evaluates operation and introduction procedure. System confirms strength and weakness, efficiency and effectiveness of organization.

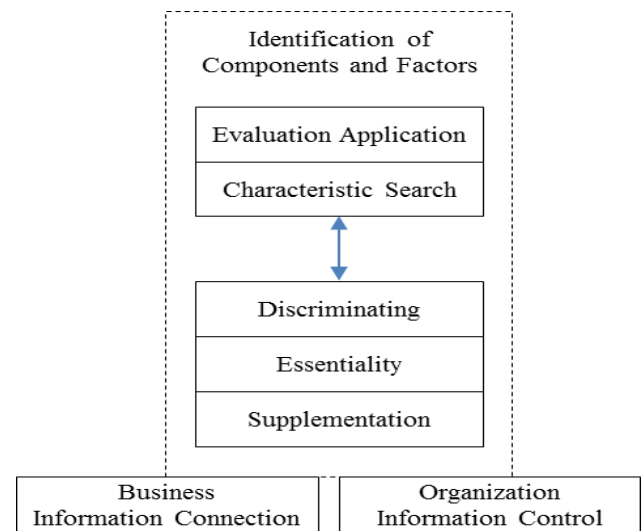


Figure 3: A Component Procedure of Organization Management

Business system control obeys the standard and uses common process. It defines and prepares purpose and range of control. Also, establishes management schedule and plans efficient control method. By using appropriate control method, evaluation about the object is made. It documents the content that the task for system control is efficiently being carried out. Also, it analyzes the content and draws up a report for control range. It evaluates the strength and weakness of control object. It chooses system standard to maintain consistency of task. Business system analyzes organization structure, management, operation process. Also, seizes core work to understand organization system environment. Evaluates organization structure and steps that uses business structure. Examines whether organization system is efficiently managed or not. Also, examines if it is using an appropriate control method and if it meets the standard. By analyzing the result, it understands the control environment. Lastly, it confirms if the control goal is appropriately achieved or not.

#### B. Organization Operation Management

Organization system operation defines tasks and steps of system [1]. To understand system operation well, it regulates the functions of business system. By determining whether the system is efficient and effective, it evaluates relevance of operation. It examines the documents and figure out whether or not standards were met. By analyzing the result, it evaluates whether it achieved the control goal or not. To evaluate system security, it examines and organizes related content. Through this, it understands organization system environment comprehensively. To evaluate system environment it prepares policy. It analyzes policy, structure, operation process for approach control. It evaluates passage that is accessible to the system. In other words, it examines system security and finds out errors to evaluate adequacy, efficiency and effectiveness. It tests the effect of approach passage by applying appropriate control method. It evaluates logical control environment by analyzing the test result. It applies physical security of the system for physical approach control. It finds out environment control to determine relevance of control about system. It tests the function to determine whether the physical security is effective or not.

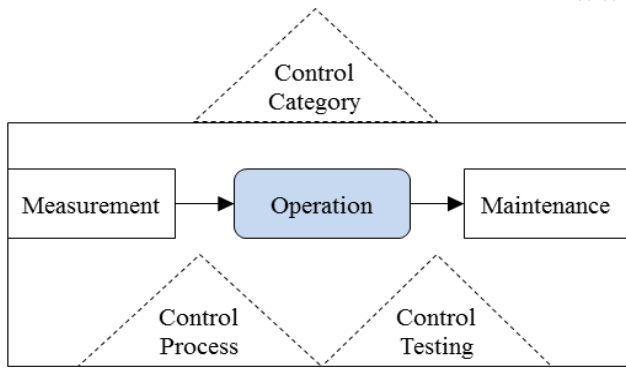


Figure 4: A The environment of control Operation Processing

**C. Organization control factor**

Organization control factor is composed of data completeness, system stability, data efficiency and system effectiveness. For this, logic control, management control, process control and data supplement is important. It seizes relative importance about management control factors. It applies by seizing the relationship between the significance and evaluation of data control factors. It confirms the consistency of material and tests validity of control evaluation model. It applies to business decision making process by using analysis hierarchical process.

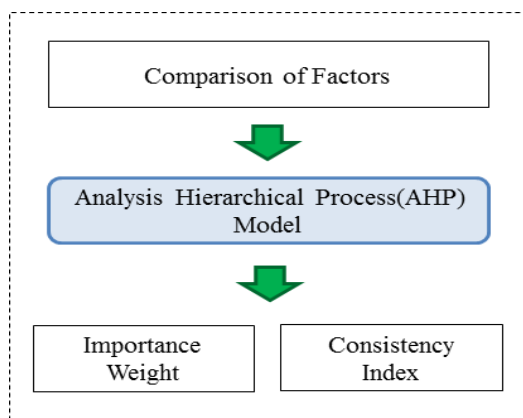


Figure 5: The Analysis Hierarchical Process Model

of importance evaluation. Factors that influences consistency is various. The factors that influences consistency and fits control purpose are the key factors.

**IV. MANAGEMENT CASE**

Foreign exchange industry is a market that happens due to the difference of money value and economic growth rate by countries in international trade. Korea also adopted flexible exchange rate that determines exchange rate by demand and supply according to the change of global foreign exchange market. The foreign exchange market is divided into OTC(Over The Counter) and exchange market. OTC is progressed on network through direct interbank transaction. The foreign exchange market has physical exchange that transactions are made. International finance team that take charges of foreign exchange of the bank is composed of Financial Derivatives dealing and international investment part. Business system market increases costumers' power by decreasing organization's power. The other transaction is not subordinated on particular part and is done on the equivalent location. Intermediary role is decreased by being possible to connect directly and information dependence is increased. Therefore, it reduces uncertainty by increasing information supplement. It gets information about exchange rate and economic trends by business system. It analyzes by collecting various required information such as transaction range, transaction strategy etc.. To reduce transaction threat, it periodically evaluates organization credibility.

Table 2: The Summarization of Case Measurement

Types	Mean	S. Dev.	Minimum	Maximum
Completeness	0.505	0.123	0.094	0.79
Safety	0.471	0.209	0.039	0.59
Effectiveness	0.374	0.271	0.026	0.79
Efficiency	0.508	0.187	0.048	0.85
Processing	0.404	0.148	0.063	0.89
Decision	0.297	0.261	0.045	0.69
Security	0.344	0.204	0.036	0.59

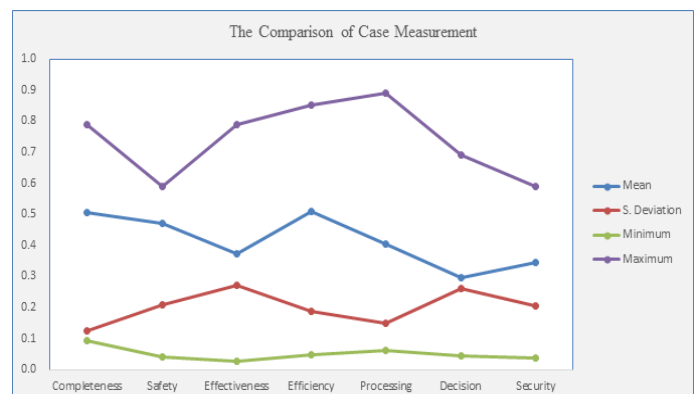
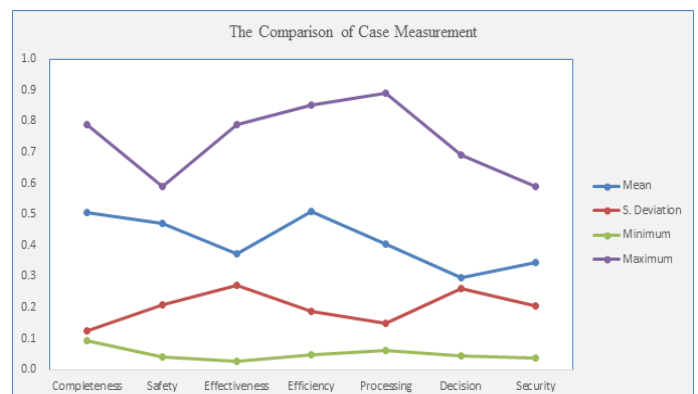


Figure 6: The Core Connection and Control Factors

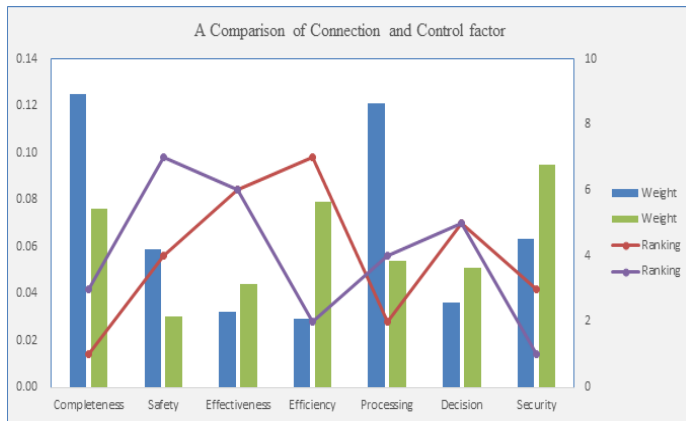
The difference of system control process arises. Also, the difference of system control evaluation arises, too. Control factors affects directly to system. The intensity of the effect varies according to the degree of consistency. Therefore, measures that increase consistency for efficient decision making is needed. Control factors are vital to determining evaluation factors. Quality improvement is required to secure the validity of control. Consistency of control is the key factor



Organization directly connect distribution system and production management through network. Supplement relies on enterprise and enterprise provides organization management system. If using organization connection, it is calculated based on order, selection, item. Since order is also done through sales and distribution system, it can simplify process procedures. Organization connection gives importance to reinforcement of adjustment function. Transaction is activated through these connections. There are no special numerical restrictions on this.

Table 3: A Comparison of Connection and Control factor

Types	Connection Factor		Control Factor	
	Weight	Ranking	Weight	Ranking
Completeness	0.125	1	0.076	3
Safety	0.059	4	0.030	7
Effectiveness	0.032	6	0.044	6
Efficiency	0.029	7	0.079	2
Processing	0.121	2	0.054	4
Decision	0.036	5	0.051	5
Security	0.063	3	0.095	1



### CONCLUSION

This research analyzed the effectiveness of organizational connection on the aspect of business. It provides a guideline that can analyze effectiveness to introduction and connection of organization system. It controls information and knowledge that are related to business system connection. It figures out efficiency of business organization with or without connection. If you use this model's connection method, efficiency can be increased because it can figure out factors. Furthermore, due to the increased understanding of control effectiveness and ease of access it is easy to apply the model. It contributes to development of organization connection and control field in business environment.

Through this model, it can determine the importance of control and increase consistency of organization. It can write control documents or checklists for evaluating control factors. It can also be a potential guideline for control design. It can be control system introduction guideline in business organization system management. Furthermore, it can also be utilized in control evaluation. The limitation of the research did not consider the effect that occurs through characteristics of field about organization system connection and control. There were difficulties of collecting materials, consequently there is weakness of evaluation. Therefore, comparative research of several modeling method will be required. Also, it subsequently suggests practical approach study of system control and the acceptable level of consistency.

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