

Outline of Job Category and Key Performance Indicator
(6) IT Specialist

Outline of Job Category

IT Specialist

Outline of IT Specialist

Job category	IT Specialist					
Specialty Field	Platform	Network	Database	Common Application Infrastructure	System Management	Security
Level 7						
Level 6						
Level 5						
Level 4						
Level 3						
Level 2						
Level 1						

Performs design, construction, and installation of optimum system infrastructure for customer environment by utilizing hardware and software related expertise. Has responsibility for non-functional requirements of constructed system infrastructure (performance, recoverability, and availability, etc.). In the IT investment phases, development (component design (system), solution construction (development, implementation)), operation, and maintenance (solution operation (system), solution maintenance (system)) are the main activity areas. Performs the following:

- Development
 - Analysis and design of system components
 - Construction and installation of systems
- Operation and maintenance
 - System operation
 - System maintenance

This job career category is classified into the following specialty fields

●Platform

Performs design, construction, and installation of the system platform used as solution infrastructure. Platform means hardware, operating system, related system software and middleware, and also the infrastructure system as premise for system development and application development

●Network

Performs design, construction, and installation of network components, network, capacity, and failure avoidance measures

●Database

Performs design, construction, and installation of database, such as logical and physical design, and recovery management

●Common application infrastructure

Performs design and implementation of software architecture, framework, common library suitable for systems. In addition, performs management of installed library, quality management of software, determination of development environment, and creation and installation of application development tools.

●System Management

Performs design, construction and installation for operation and management of system including hardware, software and application

●Security

Performs design, construction, and installation of security functions required within a company or between companies, and of components for security

Key Performance Indicator IT Specialist

Key Performance Indicator: IT Specialist

Specialty Field	Platform	Level 6
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction for platform in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for platform (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of platform with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Systemization target area and functions with wide range of and complexity <input type="checkbox"/>Use of advanced and not widely used platform <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>Project structure (subcontractors, complicated cooperative business relationship, and multiple related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 50 persons or more during peak periods. <input type="checkbox"/>High-difficult project with 10 persons or more during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following platform area sufficient to guide others and contributes to the industry.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Platform system design <input type="checkbox"/>Subsystem design and installation <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Formulation and implementation of Installation and migration plan <input type="checkbox"/>Problem management <input type="checkbox"/>Change management <input type="checkbox"/>Recovery management <input type="checkbox"/>Resource management <p>-Has achievement in four items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty area	Platform	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of platform in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for platform (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of platform with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> □Systemization target area and functions for systemization with wide range and complexity □Database linkage across multi-platforms □24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery □High-level technology required to handle very large volume of data □Project structure (subcontractors, complicated cooperative business relationship, and multiple related departments) with complexity and extremely-difficult adjustment □Use of advanced and not widely used platform □Mission critical system with high quality <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> □Project with 10 persons or more but less than 50 persons during peak periods. □High-difficult project with less than 10 persons during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following platform area sufficient to guide others and contributes to the company.</p> <ul style="list-style-type: none"> □Platform system design □Subsystem design and installation □Performance management □Capacity management □Formulation and implementation of Installation and migration plan □Problem management □Change management □Recovery management □Resource management <p>-Has recognized achievement in three items or more of following expertise succession.</p> <ul style="list-style-type: none"> □Activities in professional community such as academic society and committee □Publication of a book □Publication of a paper outside the company □Publication of a paper within the company □Instructor outside the company □Instructor within the company □Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Platform	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of platform in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for platform (performance, recoverability, availability, and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of platform with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Systemization target area and functions with wide range and complexity <input type="checkbox"/>Use of advanced and not widely used platform <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>Project structure (subcontractors, complicated cooperative business relationship, and multiple related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with less than 10 persons during peak periods. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following platform area sufficient to guide subordinates.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Platform system design <input type="checkbox"/>Subsystem design and installation <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Formulation and implementation of Installation and migration plan <input type="checkbox"/>Problem management <input type="checkbox"/>Change management <input type="checkbox"/>Recovery management <input type="checkbox"/>Resource management <p>-Has recognized achievement in three items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Platform	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for platform (performance, recoverability, availability, and etc.) once or more (Projects meet the complexity and size of Level 3), as a team member of design and construction of platform in phases of design, development, operation, and maintenance for project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of platform with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Systemization target area and functions with wide range and complexity <input type="checkbox"/>Use of advanced and not widely used platform <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>Project structure (subcontractors, complicated cooperative business relationship, and multiple related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the specialty in either one of following platform area to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Platform system design <input type="checkbox"/>Subsystem design and installation <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Formulation and implementation of Installation and migration plan <input type="checkbox"/>Problem management <input type="checkbox"/>Change management <input type="checkbox"/>Recovery management <input type="checkbox"/>Resource management <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3.</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Network	Level 6
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of network in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for network system (performance, recoverability, availability and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of network with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Large number of installation sites and complex network structure <input type="checkbox"/> Use of advanced and not widely used network products <input type="checkbox"/> High quality of load distribution and security reservation <input type="checkbox"/> Mission critical system with high quality <input type="checkbox"/> 24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/> High-level technology required to handle very large volume of data <input type="checkbox"/> Project structure (subcontractors, complex cooperative business relationship, and several related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.(Note: Number of nodes does not include clients and HUBs)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Large-scale network project with 300 nodes or more. <input type="checkbox"/> Medium-scale network project with 100 or more but less than 300 nodes, and high-difficult project with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following network area sufficient to guide others and contributes to the industry.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Network design <input type="checkbox"/> Network management <input type="checkbox"/> Availability management <input type="checkbox"/> Network security <input type="checkbox"/> Network system management <input type="checkbox"/> Network component management <input type="checkbox"/> Network protocols <p>-Has performance in four items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Activities in professional community such as academic society and committee <input type="checkbox"/> Publication of a book <input type="checkbox"/> Publication of a paper outside the company <input type="checkbox"/> Publication of a paper within the company <input type="checkbox"/> Instructor outside the company <input type="checkbox"/> Instructor within the company <input type="checkbox"/> Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Network	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of network in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for network system (performance, recoverability, availability and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of network with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Large number of installation sites and complex network structure <input type="checkbox"/> Use of advanced and not widely used network products <input type="checkbox"/> High quality of load distribution and security reservation <input type="checkbox"/> Mission critical system with high quality <input type="checkbox"/> 24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/> High-level technology required to handle very large volume of data <input type="checkbox"/> Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.(Note: Number of nodes does not include clients and HUBs)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Medium-scale network project with 100 or more but less than 300 nodes <input type="checkbox"/> Small-scale network project with less than 100 nodes and high-difficult project with four or more of above complexity criteria. <p>[Professional Contribution]</p> <ul style="list-style-type: none"> -Holds the high specialty in either one of the following network area sufficient to guide others and contributes to the company. <ul style="list-style-type: none"> <input type="checkbox"/> Network design <input type="checkbox"/> Network management <input type="checkbox"/> Availability management <input type="checkbox"/> Network security <input type="checkbox"/> Network system management <input type="checkbox"/> Network component management <input type="checkbox"/> Network protocols -Has performance in three items or more of following expertise succession. <ul style="list-style-type: none"> <input type="checkbox"/> Activities in professional community such as academic society and committee <input type="checkbox"/> Publication of a book <input type="checkbox"/> Publication of a paper outside the company <input type="checkbox"/> Publication of a paper within the company <input type="checkbox"/> Instructor outside the company <input type="checkbox"/> Instructor within the company <input type="checkbox"/> Filing of a patent application -Develops subordinates (by mentoring, coaching and etc.) 		

Key Performance Indicator: IT Specialist

Specialty Field	Network	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of network in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for network system (performance, recoverability, availability and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of network with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Large number of installation sites and complex network structure <input type="checkbox"/>Use of advanced and not widely used network products <input type="checkbox"/>High quality of load distribution and security reservation <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.(Note: Number of nodes does not include clients and HUBs).</p> <ul style="list-style-type: none"> <input type="checkbox"/>Small-scale network project with less than 100 nodes <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following network area sufficient to guide subordinates.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Network design <input type="checkbox"/>Network management <input type="checkbox"/>Availability management <input type="checkbox"/>Network security <input type="checkbox"/>Network system management <input type="checkbox"/>Network component management <input type="checkbox"/>Network protocols <p>-Has performance in one or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Invited to speak outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Network	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for network (performance, recoverability, availability and etc.) one or more times (Projects meet the complexity and size of Level 3), as a team member of design and construction of network in phases of design, development, operation, and maintenance of project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of network with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Large number of installation sites and complex network structure <input type="checkbox"/> Use of advanced and not widely used network products <input type="checkbox"/> High quality of load distribution and security reservation <input type="checkbox"/> Mission critical system with high quality <input type="checkbox"/> 24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/> High-level technology required to handle very large volume of data <input type="checkbox"/> Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following network area sufficient to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Network design <input type="checkbox"/> Network management <input type="checkbox"/> Availability management <input type="checkbox"/> Network security <input type="checkbox"/> Network system management <input type="checkbox"/> Network component management <input type="checkbox"/> Network protocols <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3.</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Database	Level 6
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of database in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for database (performance, recoverability, availability and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of database with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Very large volume of data and complex database structure <input type="checkbox"/>Complex integrity preservation method and complex process timing of database and file <input type="checkbox"/>Use of advanced and not widely used database products <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 50 persons or more during peak periods. <input type="checkbox"/>High-difficult project with 10 persons or more during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following database area sufficient to guide others and contributes to the industry.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Database design <input type="checkbox"/>Formulation and implementation of test plan <input type="checkbox"/>Quality assessment <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Fault tolerant design <p>-Has performance in four items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Database	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of database in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for database (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of database with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Very large volume of data and complex database structure <input type="checkbox"/>Complex integrity preservation method and complex process timing of database and file <input type="checkbox"/>Use of advanced and not widely used database products <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 10 persons or more during periods <input type="checkbox"/>High-difficult project with less than 10 persons during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following database area sufficient to guide others and contributes to the company.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Database design <input type="checkbox"/>Formulation and implementation of test plan <input type="checkbox"/>Quality assessment <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Fault tolerant design <p>-Has performance in three items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Database	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of database in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for network database system (performance, recoverability, availability, and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above)</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction for database with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> □Very large volume of data and complex database structure □Complex integrity preservation method and complex process timing of database and file □Use of advanced and not widely used database products □Database linkage across multi-platforms □Mission critical system with high quality □24 hours a day and 365 days continuous operation and high-level design necessary for change, maintenance, and failure recovery □Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.</p> <ul style="list-style-type: none"> □Project with less than 10 persons during peak periods <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following database area sufficient to guide others and contributes to the industry.</p> <ul style="list-style-type: none"> □Database design □Formulation and implementation of test plan □Quality assessment □Performance management □Capacity management □Fault tolerant design <p>-Has performance in one or more items of following expertise succession.</p> <ul style="list-style-type: none"> □Activities in professional community such as academic society and committee □Publication of a book □Publication of a paper outside the company □Publication of a paper within the company □Instructor outside the company □Instructor within the company □Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Database	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for database (performance, recoverability, availability, and etc.) one or more times (Projects meet the complexity and size of Level 3), as a team member of design and construction of database in phases of design, development, operation, and maintenance of project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of database with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Very large volume of data and complex database structure <input type="checkbox"/>Complex integrity preservation method and complex process timing of database and file <input type="checkbox"/>Use of advanced and not widely used database products <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>24 hours a day and 365 days continuous operation and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following database area sufficient to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Database design <input type="checkbox"/>Formulation and implementation of test plan <input type="checkbox"/>Quality assessment <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Fault tolerant design <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3.</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Common Application Infrastructure	Level 6
[Business Contribution]		
●Responsibilities		
<p>Leads other IT specialists, as a person responsible for technical team of design and construction of common application infrastructure in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for common application infrastructure (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p>		
●Complexity		
<p>Has experience and performance of achieving success in design and construction of common application infrastructure with two or more of following complexity criteria.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Technically complex requirement, and complex infrastructure development across multi-platform and development languages <input type="checkbox"/>Characteristics maintenance such as complex processing logics, timing, and file integrity <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>A wide range of application for common application infrastructure in system development <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <input type="checkbox"/>High traffic or high peak-focused system required for high design <input type="checkbox"/>Systems required for short delivery or high-efficient development <input type="checkbox"/>Development of advanced infrastructure responding to many implementation 		
●Size		
<p>Has experience and performance of achieving successful projects with either one of the following size.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Project with 50 persons or more during peak periods. <input type="checkbox"/>High-difficult project with 10 persons or more during peak periods and with four or more of above complexity criteria 		
[Professional Contribution]		
<p>-Holds the high specialty in either one of the following common application infrastructure area sufficient to guide others and contributes to the industry.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Formulation and installation of development standards <input type="checkbox"/>Selection, development and installation of application framework <input type="checkbox"/>Transaction control <input type="checkbox"/>Availability design <input type="checkbox"/>Selection, development and installation of development infrastructure(development tools, test tools) <input type="checkbox"/>Selection, development and installation of common library <input type="checkbox"/>UI control <input type="checkbox"/>API design <input type="checkbox"/>Log design <input type="checkbox"/>User certification, access control <input type="checkbox"/>Inter-system linkage <input type="checkbox"/>Performance design <input type="checkbox"/>Security design 		
<p>-Has performance in four items or more of following expertise succession.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Invited to speak outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application 		
<p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Common Application Infrastructure	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of common application infrastructure in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for common application infrastructure (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of common application infrastructure with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> □Technically complex requirement, and complex infrastructure development across multi-platform and development languages □Characteristics maintenance such as complex processing logics, timing, and file integrity □Mission critical system with high quality □A wide range of application for common application infrastructure in system development □24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery □High traffic or high peak-focused system required for high design □Systems required for short delivery or high-efficient development □Development of advanced infrastructure responding to many implementation <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> □Project with 10 persons or more during peak periods □High-difficult project with less than 10 persons during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following common application infrastructure area sufficient to guide others and contributes to the company.</p> <ul style="list-style-type: none"> □Formulation and installation of development standards □Selection, development and installation of development infrastructure(development tools, test tools) □Selection, development and installation of application framework □Selection, development and installation of common library □Inter-system linkage □Transaction control □UI control □API design □Log design □User certification, access control □Performance design □Security design □Availability design <p>-Has performance in four items or more of following expertise succession.</p> <ul style="list-style-type: none"> □Activities in professional community such as academic society and committee □Publication of a book □Publication of a paper outside the company □Publication of a paper within the company □Invited to speak outside the company □Instructor within the company □Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Common Application Infrastructure	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of common application infrastructure in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for common application infrastructure (performance, recoverability, availability, and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above)</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of common application infrastructure with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Technically complex requirement, and complex infrastructure development across multi-platform and development languages <input type="checkbox"/>Characteristics maintenance such as complex processing logics, timing, and file integrity <input type="checkbox"/>Mission critical system with high quality <input type="checkbox"/>A wide range of application for common application infrastructure in system development <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>High traffic or high peak-focused system required for high design <input type="checkbox"/>Systems required for short delivery or high-efficient development <input type="checkbox"/>Development of advanced infrastructure responding to many implementation <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with less than 10 persons during peak periods <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following common application infrastructure area sufficient to guide subordinates.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Formulation and installation of development standards <input type="checkbox"/>Selection, development and installation of development infrastructure(development tools, test tools) <input type="checkbox"/>Selection, development and installation of application framework <input type="checkbox"/>Selection, development and installation of common library <input type="checkbox"/>Inter-system linkage <input type="checkbox"/>Transaction control <input type="checkbox"/>UI control <input type="checkbox"/>API design <input type="checkbox"/>Log design <input type="checkbox"/>User certification, access control <input type="checkbox"/>Performance design <input type="checkbox"/>Security design <input type="checkbox"/>Availability design <p>-Has performance in one or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Common Application Infrastructure	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for common application infrastructure (performance, recoverability, availability and etc.) one or more times (Projects meet the complexity and size of Level 3), as a team member of design and construction of common application infrastructure in phases of design, development, operation, and maintenance of project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of common application infrastructure with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> □Technically complex requirement, and complex infrastructure development across multi-platform and development languages □Characteristics maintenance such as complex processing logics, timing, and file integrity □Mission critical system with high quality □A wide range of application for common application infrastructure in system development □24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery □High traffic or high peak-focused system required for high design □Systems required for short delivery or high-efficient development □Development of advanced infrastructure responding to many implementation <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following common application infrastructure area sufficient to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> □Formulation and installation of development standards □Selection, development and installation of development infrastructure(development tools, test tools) □Selection, development and installation of application framework □Selection, development and installation of common library □Inter-system linkage □Transaction control □UI control □API design □Log design □User certification, access control □Performance design □Security design □Availability design <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3.</p>		

Key Performance Indicator: IT Specialist

Specialty Field	System Management	Level 6
[Business Contribution]		
●Responsibilities		
<p>Leads other IT specialists, as a person responsible for technical team of design and construction of system management in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for system management (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p>		
●Complexity		
<p>Has experience and performance of achieving success in design and construction of system management with two or more of following complexity criteria.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Characteristics maintenance such as complex operation method, processing logic, timing, and file integrity <input type="checkbox"/>Use of packages without effective support system expected due to the poor support activities <input type="checkbox"/>Coexistence of new and old architecture because of using products that inherited the old architecture <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related departments) with complexity and extremely-difficult adjustment 		
●Size		
<p>Has experience and performance of achieving successful projects with either one of the following size.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Project with 50 persons or more during peak periods. <input type="checkbox"/>High-difficult project with four or more of above complexity criteria and with 10 persons or more during peak periods. 		
[Professional Contribution]		
<p>-Holds the high specialty in either one of the following system management area sufficient to guide others and contributes to the industry.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>System management methodology <input type="checkbox"/>Change management <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Problem management <input type="checkbox"/>Availability management <input type="checkbox"/>Monitoring tools <input type="checkbox"/>Service level management <input type="checkbox"/>Library management <input type="checkbox"/>Composition management <input type="checkbox"/>Security management <input type="checkbox"/>Network management 		
<p>-Has performance in four items or more of following expertise succession.</p>		
<ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application 		
<p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	System Management	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of system management in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for system management (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of system management with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Characteristics maintenance such as complex operation method, processing logic, timing, and file integrity <input type="checkbox"/>Use of packages without effective support system expected due to the poor support activities <input type="checkbox"/>Coexistence of new and old architecture because of using products that inherited the old architecture <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 10 persons or more during peak periods <input type="checkbox"/>High-difficult project with less than 10 persons during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following system management area sufficient to guide others and contributes to the company.</p> <ul style="list-style-type: none"> <input type="checkbox"/>System management methodology <input type="checkbox"/>Change management <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Problem management <input type="checkbox"/>Availability management <input type="checkbox"/>Monitoring tools <input type="checkbox"/>Service level management <input type="checkbox"/>Library management <input type="checkbox"/>Composition management <input type="checkbox"/>Security management <input type="checkbox"/>Network management <p>-Has performance in three items or more of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	System Management	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of system management in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for system management (performance, recoverability, availability, and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above)</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of system management with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Characteristics maintenance such as complex operation method, processing logic, timing, and file integrity <input type="checkbox"/>Use of packages without effective support system expected due to the poor support activities <input type="checkbox"/>Coexistence of new and old architecture because of using products that inherited the old architecture <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with less than 10 persons during peak periods <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following system management area sufficient to guide subordinates.</p> <ul style="list-style-type: none"> <input type="checkbox"/>System management methodology <input type="checkbox"/>Change management <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Problem management <input type="checkbox"/>Availability management <input type="checkbox"/>Monitoring tools <input type="checkbox"/>Service level management <input type="checkbox"/>Library management <input type="checkbox"/>Composition management <input type="checkbox"/>Security management <input type="checkbox"/>Network management <p>-Has performance in one or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Invited to speak outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	System Management	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for system management (performance, recoverability, availability and etc.) one or more times (Projects meet the complexity and size of Level 3), as a team member of design and construction of common application infrastructure in phases of design, development, operation, and maintenance of project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of system management with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Characteristics maintenance such as complex operation method, processing logic, timing, and file integrity <input type="checkbox"/>Use of packages without effective support system expected due to the poor support activities <input type="checkbox"/>Coexistence of new and old architecture because of using products that inherited the old architecture <input type="checkbox"/>Database linkage across multi-platforms <input type="checkbox"/>High-level technology required to handle very large volume of data <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following system management area sufficient to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> <input type="checkbox"/>System management methodology <input type="checkbox"/>Change management <input type="checkbox"/>Performance management <input type="checkbox"/>Capacity management <input type="checkbox"/>Problem management <input type="checkbox"/>Availability management <input type="checkbox"/>Monitoring tools <input type="checkbox"/>Service level management <input type="checkbox"/>Library management <input type="checkbox"/>Composition management <input type="checkbox"/>Security management <input type="checkbox"/>Network management <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Security	Level 6
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of security in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for security (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 6 and others can be of Level 5 or above). In addition, has experience and performance of achieving project success by participating in proposal activities of equivalent project as IT specialist.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of security with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>High risk of being exposed to internet threats <input type="checkbox"/>Complex and high-level access control requirements <input type="checkbox"/>Complex and high-level physical security requirements <input type="checkbox"/>High-level privacy requirements <input type="checkbox"/>High-level confidentiality requirements <input type="checkbox"/>The system where security vulnerability causes great damage on a company <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 50 persons or more during peak periods. <input type="checkbox"/>High-difficult project with 10 persons or more during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following security area sufficient to guide others and contributes to the industry.</p> <ul style="list-style-type: none"> <input type="checkbox"/>WEB applications <input type="checkbox"/>Data security <input type="checkbox"/>Network security <input type="checkbox"/>Security management <p>-Has performance in four or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Instructor outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Security	Level 5
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a person responsible for technical team of design and construction of security in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for security (performance, recoverability, availability, and etc.) three times or more (At least one project meet the complexity and size of Level 5 and others can be of Level 4 or above).</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of security with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>High risk of being exposed to internet threats <input type="checkbox"/>Complex and high-level access control requirements <input type="checkbox"/>Complex and high-level physical security requirements <input type="checkbox"/>High-level privacy requirements <input type="checkbox"/>High-level confidentiality requirements <input type="checkbox"/>The system where security vulnerability causes great damage on a company <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with either one of the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with 10 persons or more during peak periods <input type="checkbox"/>High-difficult project with less than 10 persons during peak periods and with four or more of above complexity criteria. <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following security area sufficient to guide others and contributes to the company.</p> <ul style="list-style-type: none"> <input type="checkbox"/>WEB applications <input type="checkbox"/>Data security <input type="checkbox"/>Network security <input type="checkbox"/>Security management <p>-Has performance in three or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Invited to speak outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty Field	Security	Level 4
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Leads other IT specialists, as a team leader of design and construction of security in phases of design, development, operation, and maintenance for project solution. Has experience and performance of achieving successful customer requirements for security (performance, recoverability, availability, and etc.) two times or more (At least one project meet the complexity and size of Level 4 and others can be of Level 3 or above)</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of security with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>High risk of being exposed to internet threats <input type="checkbox"/>Complex and high-level access control requirements <input type="checkbox"/>Complex and high-level physical security requirements <input type="checkbox"/>High-level privacy requirements <input type="checkbox"/>High-level confidentiality requirements <input type="checkbox"/>The system where security vulnerability causes great damage on a company <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related divisions) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Has experience and performance of achieving successful projects with the following size.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Project with less than 10 persons during peak periods <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following security area sufficient to guide subordinates.</p> <ul style="list-style-type: none"> <input type="checkbox"/>WEB applications <input type="checkbox"/>Data security <input type="checkbox"/>Network security <input type="checkbox"/>Security management <p>-Has performance in one or more items of following expertise succession.</p> <ul style="list-style-type: none"> <input type="checkbox"/>Activities in professional community such as academic society and committee <input type="checkbox"/>Publication of a book <input type="checkbox"/>Publication of a paper outside the company <input type="checkbox"/>Publication of a paper within the company <input type="checkbox"/>Invited to speak outside the company <input type="checkbox"/>Instructor within the company <input type="checkbox"/>Filing of a patent application <p>-Develops subordinates (by mentoring, coaching, and etc.)</p>		

Key Performance Indicator: IT Specialist

Specialty area	Security	Level 3
<p>[Business Contribution]</p> <p>●Responsibilities</p> <p>Has experience and performance of achieving successful customer requirements for security (performance, recoverability, availability and etc.) one or more times (Projects meet the complexity and size of Level 3), as a team member of design and construction of security in phases of design, development, operation, and maintenance of project solution.</p> <p>●Complexity</p> <p>Has experience and performance of achieving success in design and construction of security with two or more of following complexity criteria.</p> <ul style="list-style-type: none"> <input type="checkbox"/>High risk of being exposed to internet threats <input type="checkbox"/>Complex and high-level access control requirements <input type="checkbox"/>Complex and high-level physical security requirements <input type="checkbox"/>High-level privacy requirements <input type="checkbox"/>High-level confidentiality requirements <input type="checkbox"/>The system where security vulnerability causes great damage on a company <input type="checkbox"/>24 hours a day and 365 days continuous operation, and high-level design necessary for change, maintenance, and failure recovery <input type="checkbox"/>Project structure (subcontractors, complex cooperative business relationship, and several related departments) with complexity and extremely-difficult adjustment <p>●Size</p> <p>Not specified.</p> <p>[Professional Contribution]</p> <p>-Holds the high specialty in either one of the following security area sufficient to perform assigned task by him/her-self.</p> <ul style="list-style-type: none"> <input type="checkbox"/>WEB applications <input type="checkbox"/>Data security <input type="checkbox"/>Network security <input type="checkbox"/>Security management <p>〈Remarks〉</p> <p>-By passing Applied ITEE (Information Technology Engineer Examination), individuals are regarded as attaining the minimum capability required in ITSS level 3</p>		