What is the procurement excellent product system?

The Public Procurement Service excellent product system was introduced in '96 to improve the quality of procured materials and is a system to designate excellent products through strict evaluation of products produced by small and medium-sized enterprises (SMEs) and early mid-sized companies with excellent technology and quality. For products designated as excellent products, contracts are signed in accordance with the national contract law and procured to each level of demanding organization.

Procurement Steel Excellent Products Designated and managed in accordance with Article 9-2 of the 『Procurement Business Act』, Article 18 (Designation of Excellent Procurement Products, etc.) and 『Regulations for Designation and Management of Excellent Procurement Items』 (Public Procurement Service Notification).

Quality Certification Division

Excellent procurement product: video surveillance device

Performance Certificate EPC

K mark certificate

Q mark certificate

GS Class 1 Certificate

IP-based CCTV system video and audio data
Video monitoring device with enhanced compression transmission efficiency and network security

Procurement Excellence
Designation No.: 2020131

Secure transmission optimization device

Transcoding and encryption processing device (TECT) that encrypts and transmits IP-based high-definition, large-capacity CCTV camera images in real time with a high-efficiency codec to increase compression efficiency to reduce data capacity and to strengthen CCTV security of video and audio data

SW for TECT server management

The software for managing TECT servers is named TECT Manager 1.0, and has been certified GS 1st.

Excellent procurement product   GS Certification Grade 1   Q Mark   K Mark   Patent mark

* The system introduced in this manual is TECT-M, a web system that manages TECT equipment. In order for TECT-M to operate normally, TECT equipment and TECT decryption server must be prepared first.

System Requirements

TECT Manager Hardware Recommendations

Designation	Minimum Specifications	Medium specification	Highest specification
CPU	Intel Pentium G3240 @ 3.10GHz	Intel Pentium i3-4160 @3.60GHz	Intel Core i5-4690 @3.50GHz
RAM	2 GB of RAM	4 GB of RAM	8 GB of RAM
HDD	100 GB of storage ro more		
VGA	Standad SVGA video card		
Network	10/100 Ethemet Network Inerface Card	10/100/1000 Ethernet Network Inerface Card	

TECT Manager Software Specifications

Designation	Detail
OS	Recommend - Ubuntu 18.04 64-bit - CentOS 7 64-bit - Microsoft Windows 10 Professional 64-bit least - Ubuntu 16.04 64-bit - CentOS 6 64-bit - Microsoft Windows 7 Professional 64-bit
Database Server	Maria DB 10.0.10 이상
Web Application Server	Tomcat 8.5.0 이상
JAVA Application Server	OpenJDK 9.0.4 이상

System configuration

TECT System

• Encoding
• Encryption

Encryption section

• Decoding
• Decryption

• Monitoring
• Control

• Control

CCTV   TECT equipment   TECT Management System   TECT Decryption Server   Video storage