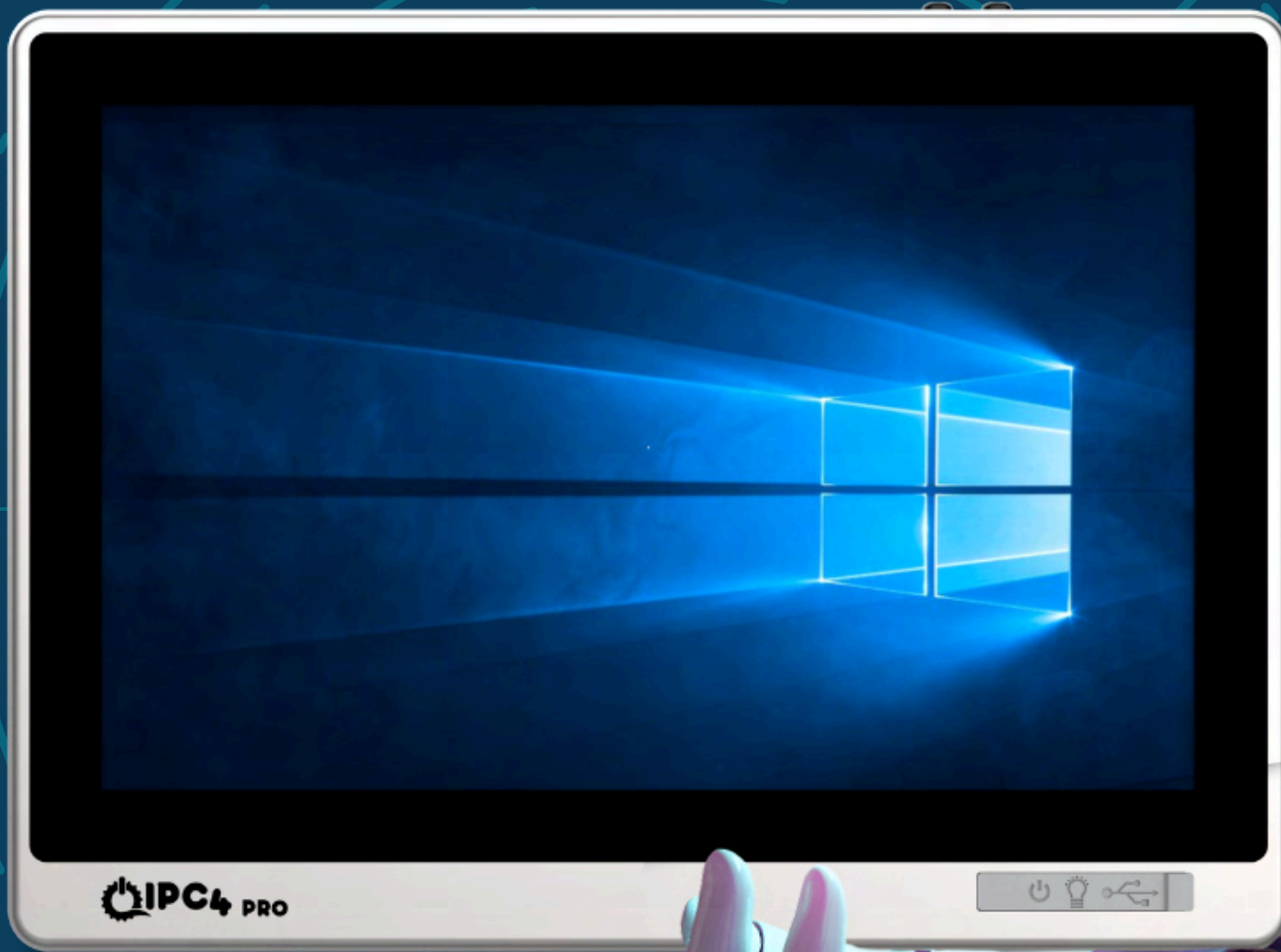




# LATEST IPC4PRO

## INDUSTRIAL PANEL PC



**EtherCAT**  
Communication

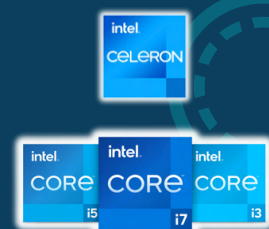
**CODESYS**

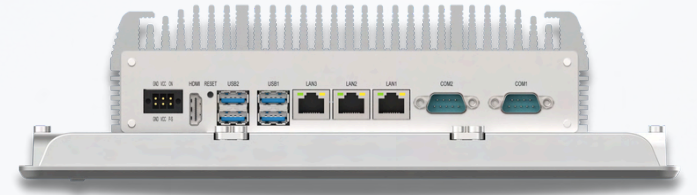
Sealing  
Protection

3 Ethernet  
Ports

On the  
Front Panel  
USB 2.0

Digital  
IO





## Complete Challenging Tasks Easily with Powerful Performance, Durable Design, EtherCAT Support!

Our newest product, IPC4PRO Industrial Panel PC, is a panel computer that offers performance for every need with processor options from Intel® Celeron® to 12th Generation Core™ i7, is resistant to all kinds of difficulties, has a wide usage area and supports the EtherCAT protocol. .

### Features

- **Powerful Performance:** Performance to suit every need with processor options from Intel® Celeron® to 12th Generation Core™ i7.
- **Wide Area of Use:** Solutions appealing to different sectors with screen sizes from 10.1" to 27" and Full HD resolution.
- **Durable Design:** Suitable for use even in harsh environments with its IP65 compatible front panel and fanless design options.
- **Easy Installation:** Fast and easy installation with panel embedded mounting, VESA75 and VESA100 connection options.
- **Long Lasting:** Many years of trouble-free use with high quality components and solid body structure.
- **Extensive Connection:** Extensive connection possibilities with multiple LAN ports, EtherCAT protocol support and other connection options.
- **Customizable Solutions:** Customizable structure according to need with hardware components such as RAM and storage.
- **Fast Supply:** Fast delivery possible thanks to ICC's large stocks.

## Faster and Efficient Automation with EtherCAT Support

IPC4PRO supports the EtherCAT protocol, providing high speed and precision in automation systems. In this way, you can work faster and more efficiently on your production lines.

### Technical Specifications

- **Processor:** Processor options from Intel® Celeron® up to 12th Gen Core™ i7
- **Screen:** 10.1" – 27" TFT LCD Screen
- **Touch:** P-CAP [Capacitive] Multi-Touch and Resistive Touch Type, True-Flat Screen
- **Design:** IP65 Compatible Coded Front Panel on Aluminum Body
- **Mounting:** Panel embedded mounting, VESA75 and VESA100 Connection Possibility
- **Connectivity:** Multiple LAN ports, EtherCAT protocol support and other connectivity options
- **Sealing and Functionality:** IP65 protected USB and on-off button on the front panel
- **High Voltage and Short Circuit Protection:** IPC4PRO Industrial Panel PCs have a 12VDC adapter and dual power supply to connect to a 12-36VDC external power supply. A feature that makes our brand stand out is the DC/DC protection unit located before the motherboard at the external power supply input. This unit provides protection in case of any high voltage or short circuit that may come from the external power supply.

## With IPC4PRO Industrial Panel PC

- **Industrial Automation:** Optimize your production lines, increase efficiency.
- **Smart Building Systems:** Easily manage building automation and energy savings.
- **Public Safety:** Improve your surveillance and security systems.
- **Digital Advertising:** Create interactive and eye-catching billboards.
- **Healthcare:** Streamline patient tracking and diagnosis.



**CODESYS**

**EtherCAT**

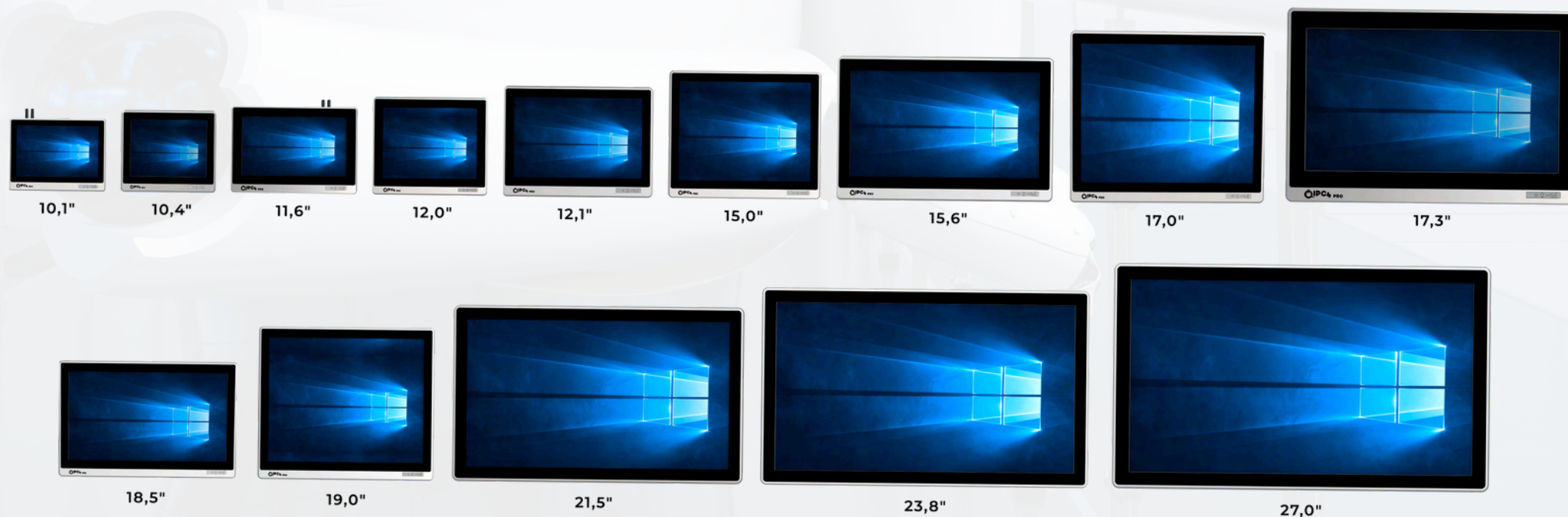


# IPC4PRO INDUSTRIAL PANEL PC



	IPC4PRO Intel® CELERON®	IPC4PRO Intel® CORE® i3- i5 - i7
LIGHTING LIFE	≥ 50,000 seconds	≥ 50,000 seconds
TOUCH TYPE	Projective Capacitive [PCAP]   Resistive	Projective Capacitive [PCAP]   Resistive
COOLING	Fanless passive cooling	Fanless passive cooling
PROCESSOR	Intel® Celeron® J6412 4 Core 2.00 / 2.60 GHz   CPU Benchmark: 3850	Intel® Core™ i3-10110U 2 Core 2.10 / 4.10 GHz CPU Benchmark: 3940 Intel® Core™ i3-1115G4 2 Core 3.00 GHz / 4.10 GHz CPU Benchmark: 6100 Intel® Core™ i3-1215U 6 Core 1.20 / 4.40 GHz CPU Benchmark: 10990 Intel® Core™ i5-10310U 4 Core 1.70 / 4.40 GHz CPU Benchmark: 6400 Intel® Core™ i5-1155G7 4 Core 2.50 GHz / 4.50 GHz CPU Benchmark: 10200 Intel® Core™ i5-1235U 10 Core 1.30 / 4.40 GHz CPU Benchmark: 13570 Intel® Core™ i7-10510U 4 Core 1.70 / 4.90 GHz CPU Benchmark: 6670 Intel® Core™ i7-1195G7 4 Core 2.90 GHz / 5.00 GHz CPU Benchmark: 10830 Intel® Core™ i7-1255U 10 Core 1.70 / 4.70 GHz CPU Benchmark: 13750
RAM	8GB [Maximum 16GB]	8GB [Maximum 32GB]
SSD / HDD	128GB mSATA SSD [Upgradable]	128GB mSATA SSD [Upgradable]
LAN	GbE x 2 [Intel® i226 EtherCAT] [Codesys]	GbE x 3 [Intel® i210 EtherCAT] [CodeSYS ve TwinCAT® ile]
RS232	x 1	x 3
RS485	x 1	x 1
USB 3.0	Arka Panel x 4	Arka Panel x 4
USB 2.0	You Panel x 1	You Panel x 1
PART	4DI   4 DO	4DI   4 DO
HDMI	x 1	x 1
WIRELESS INTERFACES	Wi-Fi + Bluetooth	Wi-Fi + Bluetooth
SUPPLY VOLTAGE	12-36 VDC	12-36 VDC
MOUNTING TYPE	Panel Mount / VESA 75 / VESA100 / Stand	Panel Mount / VESA 75 / VESA100 / Stand
BODY MATERIAL	Aluminum   Body Color: Metallic Gray [Optional: Black]	Aluminum   Body Color: Metallic Gray [Optional: Black]
IP PROTECTION CLASS	Front IP65 + Twill Inside Edges	Front IP65 + Twill Inside Edges
SUPPORTED OPERATING SYSTEMS	Pre-Installation: Windows 10 Pro   [License Excluded] Supported: Windows 10   Windows 11   Linux	Pre-Installation: Windows 10 Pro   [License Excluded] Supported: Windows 10   Windows 11   Linux
CERTIFICATES	CE/FCC/ROHS/ISO	CE/FCC/ROHS/ISO

\* Front panel USB is not available on 21.5" and above models.



## Advanced Technology and Durability: IPC4PRO Panel PCs

IPC4PRO series industrial panel PCs offer the most suitable solutions for your industrial automation needs with their wide screen options and high resolutions. These devices, which have a structure that is resistant to harsh working environments with sizes ranging from 10.1" to 27", different screen ratios and brightness options, provide strong performance with Intel® Celeron® and Intel® Core™ i3, i5, i7 processors. Their robust and compact designs help you increase your productivity by offering ease of installation with various cuts and external dimensions.

PRODUCT CODE	DIMENSION	RESOLUTION	SCREEN RATIO	BRIGHTNESS	CONTRAST	WEIGHT
IPC4PRO-101W	10.1" TFT LCD	1280 x 800	16:10	400 cd/m <sup>2</sup>	800:1	3
IPC4PRO-104W	10.4" TFT LCD	1024 x 768	4:3	350 cd/m <sup>2</sup>	900:1	3
IPC4PRO-116W	11.6" TFT LCD	1920 x 1080	16:10	400 cd/m <sup>2</sup>	800:1	3
IPC4PRO-120W	12" TFT LCD	1024 x 768	4:3	400 cd/m <sup>2</sup>	800:1	4
IPC4PRO-121W	12.1" TFT LCD	1280 x 800	16:10	350 cd/m <sup>2</sup>	1000:1	4
IPC4PRO-150W	15" TFT LCD	1024 x 768	4:3	420 cd/m <sup>2</sup>	800:1	4
IPC4PRO-156W	15.6" TFT LCD	1920 x 1080	16:9	250 cd/m <sup>2</sup>	3000:1	5
IPC4PRO-170W	17" TFT LCD	1280 x 1024	5:4	250 cd/m <sup>2</sup>	1000:1	5
IPC4PRO-173W	17.3" TFT LCD	1920 x 1080	16:9	350 cd/m <sup>2</sup>	1000:1	6
IPC4PRO-185W	18.5" TFT LCD	1920 x 1080	16:9	350 cd/m <sup>2</sup>	1000:1	6
IPC4PRO-190W	19" TFT LCD	1280 x 1024	5:4	250 cd/m <sup>2</sup>	1000:1	7
IPC4PRO-215W	21.5" TFT LCD	1920 x 1080	16:9	250 cd/m <sup>2</sup>	3000:1	7
IPC4PRO-238W	23.8" TFT LCD	1920 x 1080	16:9	250 cd/m <sup>2</sup>	3000:1	9
IPC4PRO-270W	27" TFT LCD	1920 x 1080	16:9	250 cd/m <sup>2</sup>	3000:1	11

PRODUCT CODE	Intel® Celeron®		Intel® Core™ i3 - i5 - i7	
	EXTERNAL DIMENSIONS	CUTTING SIZE	EXTERNAL DIMENSIONS	CUTTING SIZE
IPC4PRO-101W	257 x 193 x 64	248.5 x 185	257 x 193 x 80	248.5 x 185
IPC4PRO-104W	264 x 228 x 64	253 x 217	264 x 228 x 80	253 x 217
IPC4PRO-116W	310 x 214 x 64	248.5 x 185	310 x 214 x 80	299 x 203
IPC4PRO-120W	306 x 259 x 64	295 x 248	306 x 259 x 80	295 x 248
IPC4PRO-121W	309 x 227 x 64	298 x 216	309 x 227 x 80	298 x 216
IPC4PRO-150W	353 x 296 x 64	342 x 285	353 x 296 x 80	342 x 285
IPC4PRO-156W	396 x 263 x 64	385 x 253	396 x 263 x 80	385 x 253
IPC4PRO-170W	387 x 340 x 64	376 x 329	387 x 340 x 80	376 x 329
IPC4PRO-173W	440 x 294 x 64	431 x 285	440 x 294 x 80	431 x 285
IPC4PRO-185W	463 x 303 x 64	452 x 292	463 x 303 x 80	452 x 292
IPC4PRO-190W	428 x 372 x 64	412 x 358	428 x 372 x 80	412 x 358
IPC4PRO-215W	531 x 323 x 64	519 x 311	531 x 323 x 80	519 x 311
IPC4PRO-238W	582 x 349 x 64	567 x 334	582 x 349 x 80	567 x 334
IPC4PRO-270W	657 x 396 x 64	642 x 381	657 x 396 x 80	642 x 381



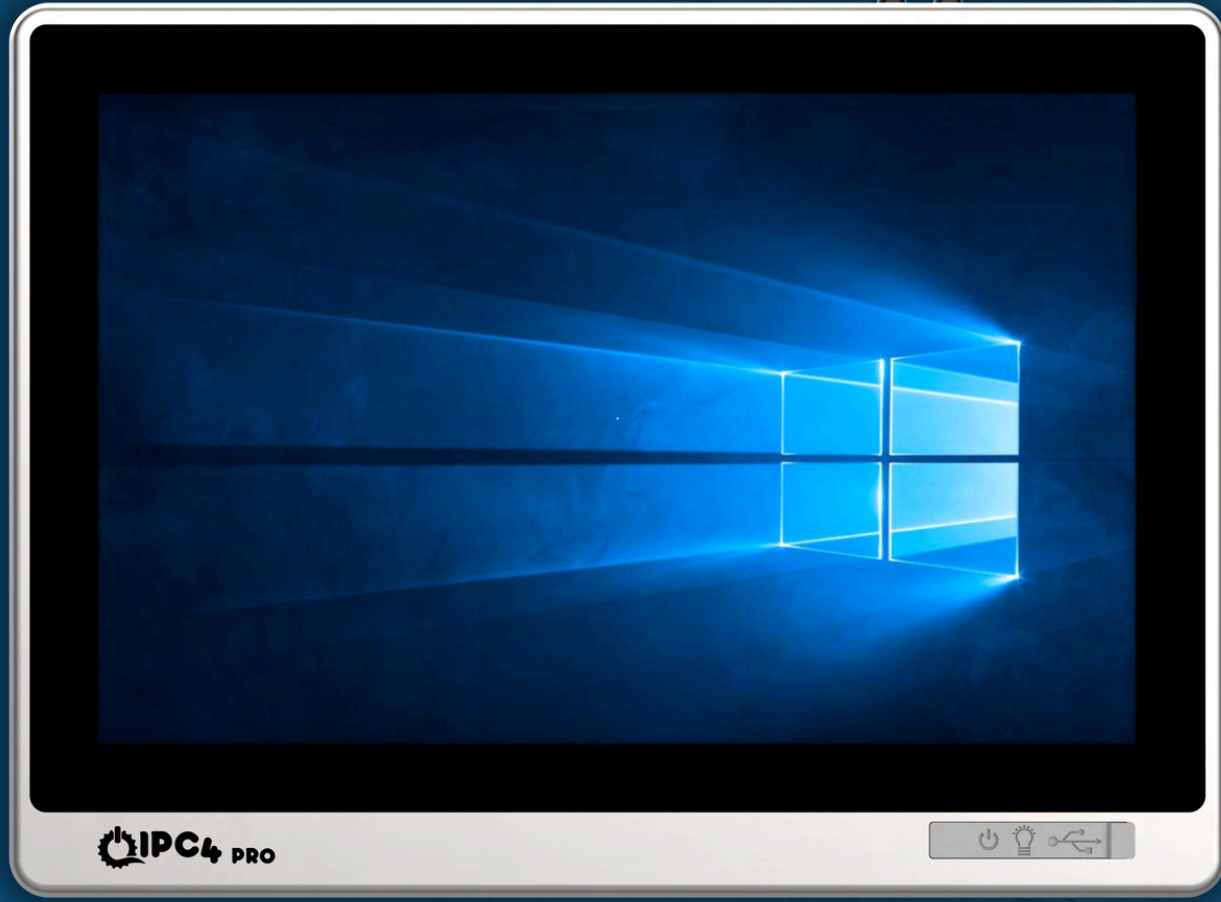
Panel PC Intel Core



Panel PC Intel Celeron



# INDUSTRIAL COMPUTER CENTER



ICC was established in 2017 with the vision of 'Industrial Computer Center' and aims to bring industrial PC products to its customers. It offers important solutions to Industry 4.0 needs in the Turkish market by adding its own brands IPC4, ECOIPC4 and IPC4PRO to its adventure that started with the Turkish representation of AAEON and IBASE. It provides professional support and customized products to customers by providing industrial automation and IT solutions in sectors such as automotive, iron and steel, machinery manufacturing, food, packaging, textile, rubber and energy.

While it provides services throughout Turkey with its offices in Istanbul, Bursa, Ankara and Izmir, it also operates with its offices in Plovdiv, Bulgaria and Antwerp, Belgium, in the process of globalization.



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