

2018

# **IEK**Net

## 2018 Membership Program

Industrial Technology Research Institute (ITRI)  
Introduction of Industrial Economics and Knowledge Center (IEK)



## IEKNet Introduction

### About ISTI, ITRI

#### POSITIONING

A Leading Industrial Trends and Policy Research Center. The **Industry, Science and Technology International Strategy Center (ISTI)** was inaugurated on June 30, 2000 to help business in Taiwan meet revolutionary changes in a fast moving knowledge economy. Since its genesis, ISTI has been providing customers with value-added, multi-disciplinary information and **IEK Consulting** services on ground of its in-depth research in industrial development and technological foresight. It promptly responds to clients' needs in an ever-changing environment by coordinating vast R&D capabilities from its parent organization, the nonprofit **Industrial Technology Research Institute (ITRI)**, and by taking advantage of ITRI's footing in the international arena. With strong industry-oriented research support, we are able to provide domestic businesses with professional information and consultancy services, create value-added integration, and enhance industrial efficiency for our clients. Our research capacity in twelve areas of interest, along with observation of economic, industrial, and technical trends.

#### MISSION

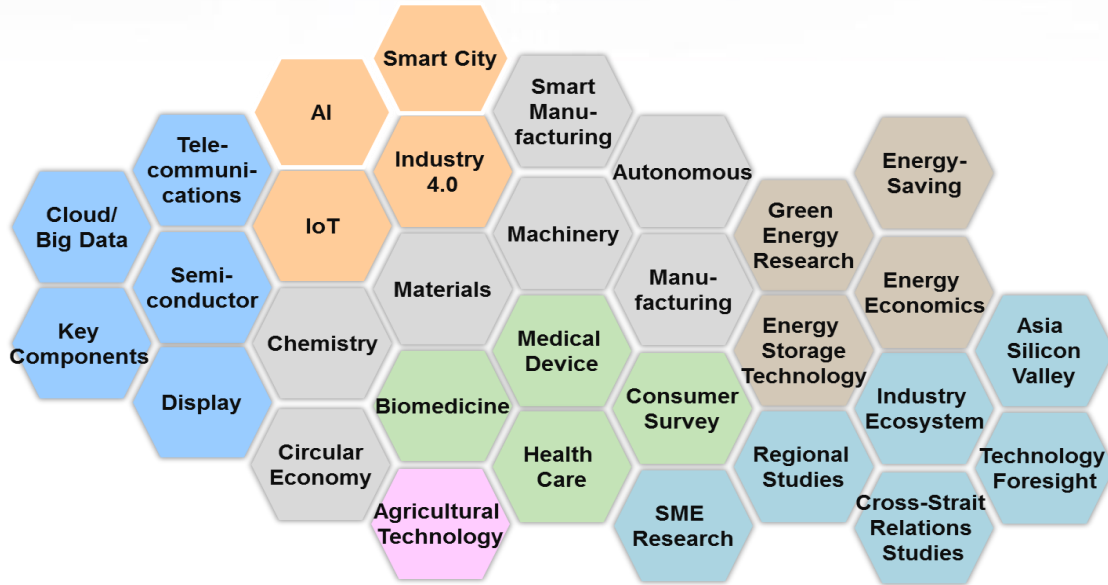
Armed with ITRI's R&D technology, in conjunction with advantages of industry-focused technology and cross-disciplinary and system integration, we will raise key issues concerning Taiwan's industrial and technological development, help improve national competitiveness, and add values to industries We expect to become a world-class think tank that leads to even greater value creation for Taiwan's industries by 2020.

**IEK Consulting** has accumulated many years of research information to provide on real time service on **IEKNet**. This online service, which is in the form by research domain, includes analysis on major industrial news, introduction to new technologies and products, specific research outcomes, on-demand consulting service. at <http://ieknet-eng.iek.org.tw>.



## IEK Services

### Wide-ranging Research Areas



### Cross-industry Integrated Services

<b>Market Predictions &amp; Industry Surveys</b>		<b>Technology Previews &amp; Product Development</b>
	<b>Expert Participation &amp; Advisory Services</b>	
<b>IEKNet &amp; Membership Database</b>		<b>Seminars &amp; Publications</b>



## IEKNET Service Packs and Prices

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
1	IC Industry	<ul style="list-style-type: none"> <li>● Semiconductors</li> <li>● IC Design</li> <li>● IC Manufacturing</li> <li>● Foundries</li> <li>● Memory</li> <li>● IC Packaging and Testing</li> </ul>	220
2	IC Devices & Technologies	<ul style="list-style-type: none"> <li>● Memory</li> <li>● Logic IC and Analog IC</li> <li>● Silicon IP and IC Design Tools</li> <li>● IC Advanced Manufacturing Technology</li> <li>● IC Advanced Packaging Technology</li> </ul>	130
3	IC Applications & Markets	<ul style="list-style-type: none"> <li>● AI IC</li> <li>● IoT IC</li> <li>● 3C IC</li> <li>● Medical IC</li> <li>● Automotive IC</li> <li>● Industry IC</li> <li>● IC Region Markets</li> </ul>	130

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
4	Broadband Network Products and Applications	<ul style="list-style-type: none"> <li>● Wireless LAN Networks</li> <li>● Wireless Broadband and Application Services</li> <li>● Broadband Access Products</li> <li>● Next Generation Networks and Communication Technologies</li> <li>● Smart City Applications and Emerging Technologies</li> <li>● IoT Applications, Service and Business Models</li> </ul>	150
5	5G / Smart Handheld Device Applications and Technologies	<ul style="list-style-type: none"> <li>● Mobile Device Products</li> <li>● 5G Mobile Networks Technologies</li> <li>● Mobile Communications Components</li> <li>● Mobile Device in Emerging Markets</li> <li>● Key Applications of 5G Mobile Networks</li> <li>● Spectrum Research of Mobile Communications</li> </ul>	160
6	Big Data & Cloud Computing	<ul style="list-style-type: none"> <li>● Big Data Development Trends and Application Use Cases</li> <li>● Cybersecurity Technology Trend and Applications</li> <li>● Cloud Computing Technology and Data Center Development Trends</li> <li>● Emerging Applications of Big Data and Cloud Technology (IoT, Open Source... etc.)</li> <li>● New Technology Application Trends (Ex. AI, Blockchain... etc.)</li> </ul>	160



## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
7	3C and Emerging Key Components	<ul style="list-style-type: none"> <li>● Optical Components</li> <li>● Sensors</li> <li>● PCBs</li> <li>● Connectors</li> <li>● Passive Components</li> <li>● Other Key Components (Wireless Charging, Enclosures, Printed Electronics, Energy Storage Elements)</li> </ul>	160
8	Display Panel & Touch Panel Applications	<ul style="list-style-type: none"> <li>● TFT LCD &amp; Key Components</li> <li>● Taiwan, China, Japan and South Korea Touch and Display Industry Trends</li> <li>● Display &amp; Touch Panel IC Market and Technology Trends</li> <li>● OLEDs</li> </ul>	120
9	Emerging Displays & Smart Sensors / Identification Technology and Applications	<ul style="list-style-type: none"> <li>● Virtual Reality (AR / VR)</li> <li>● Wearable Displays</li> <li>● Advanced Touch Technologies</li> <li>● Automotive, Medical &amp; Industrial Displays / Touch Market and Technology Trends</li> <li>● 3D Image Sensors, Gas Sensors, Printed Sensors</li> <li>● LIDAR</li> <li>● Biometrics Identification</li> <li>● Emerging Identification</li> </ul>	120

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
10	IoT Technology · Emerging Applications and Strategies	<ul style="list-style-type: none"> <li>● IoT Key Innovated technology</li> <li>● IoT Smart Device and Components</li> <li>● IoT Industry Status and Cluster Development</li> <li>● IoT Global Key Player Strategy and Solutions</li> <li>● IoT Innovated Application Market Trends and Development</li> </ul> <p><i>IoT next Generation Application (Home, Industry, Energy Saving, Medical, IC Process, Car Computing, AR/VR, AI)</i></p>	240
11	Emerging Smart Devices and Innovative Applications	<ul style="list-style-type: none"> <li>● Smart Home Devices, Platforms and Services</li> <li>● Smart Commerce / Retail Technology, Application and Cooperative Models</li> <li>● Intelligence Robot System, Platforms, Service and Business Models</li> <li>● Drone / Autonomous Car Applications</li> <li>● Wearable Technology and Applications</li> <li>● Innovative User Interactive Technology and Applications</li> </ul>	150
12	Battery Application Markets and Technologies	<ul style="list-style-type: none"> <li>● Battery Applications in Consumer Electronics / Power Applications / Energy Storage Industry Applications</li> <li>● New Energy Storage Systems</li> </ul>	140

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
13	Upstream Materials for the Electronic Industry	<ul style="list-style-type: none"> <li>● Semiconductor Materials</li> <li>● IC Packaging Materials</li> <li>● PCB Materials</li> <li>● LCD and OLED Materials</li> <li>● PV and Battery Materials</li> <li>● Other New Materials</li> </ul>	160
14	PV Systems and Lighting	<ul style="list-style-type: none"> <li>● Solar PV Systems</li> <li>● LED and Lighting</li> </ul>	180
15	Renewable Energy	<ul style="list-style-type: none"> <li>● Wind Power</li> <li>● Energy Storage</li> <li>● Biomass Energy</li> <li>● Hydrogen Energy and Fuel Cells</li> </ul>	120
16	Energy Saving	<ul style="list-style-type: none"> <li>● Power Equipment</li> <li>● Air Conditioning</li> <li>● Home Energy Management Systems and Building Energy Management Systems</li> <li>● Low-carbon Buildings</li> </ul>	120



## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
17	<b>Petrochemical and New Materials Industries</b>	<ul style="list-style-type: none"> <li>● Market Outlook</li> <li>● China Petrochemical Industry Outlook</li> <li>● Analysis of the Market of High Value-added Monomers</li> <li>● Analysis of the Market of High Value-added Plastics and Rubbers</li> <li>● Leading Companies' Strategies</li> <li>● Analyses of Key Issues</li> </ul>	180
18	<b>Special and Green Chemistry</b>	<ul style="list-style-type: none"> <li>● Green Chemistry and Sustainable Development</li> <li>● Renewable Chemicals</li> <li>● Circular Economy Applications</li> <li>● Specialty Chemicals</li> <li>● Nano-Materials and Nano-Technology</li> <li>● Composites</li> </ul>	180
19	<b>Medical Devices</b>	<ul style="list-style-type: none"> <li>● Diagnostic and Monitoring Medical Devices Industry</li> <li>● Surgical and Therapeutic Medical Devices Industry</li> <li>● Assistive and Compensation Medical Devices Industry</li> <li>● In Vitro Diagnostic Medical Devices Industry</li> <li>● Miscellaneous Medical Devices Industry</li> </ul>	200

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
20	Smart Healthcare	<ul style="list-style-type: none"> <li>● Smart Health Applications</li> <li>● Smart Hospital Applications</li> <li>● Smart Care Applications</li> </ul>	110
21	Healthcare	<ul style="list-style-type: none"> <li>● Healthcare Tech. &amp; Services</li> <li>● Living Support Tech. &amp; Services</li> <li>● Sports Tech. &amp; Management</li> <li>● Mantle Tech. &amp; Services</li> <li>● Healthy Food Tech. &amp; Services</li> <li>● Aging Lifestyle Opportunities</li> </ul>	160
22	Biopharmaceuticals & Pharmaceuticals, Health Food and Cosmetics	<ul style="list-style-type: none"> <li>● Biopharmaceuticals</li> <li>● Pharmaceuticals</li> <li>● Botanical Drug Products &amp; Health Food</li> <li>● Cosmetics &amp; Skin Care Products</li> <li>● Emerging Technology &amp; Other Biomedical Industry-related Issues</li> </ul>	180
23	The Applications and Market Opportunities of Emerging Medical and Medical Materials	<ul style="list-style-type: none"> <li>● Regenerative Medicine</li> <li>● Cell Therapy</li> <li>● Tissue Engineering</li> <li>● Combination Products</li> <li>● Medical Materials</li> </ul>	110

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
24	Machine Tools, Industrial Machinery, and Key Components	<ul style="list-style-type: none"> <li>● Machine Tools</li> <li>● Industrial Machinery (Plastics, Textiles, Woodworking Machinery)</li> <li>● Key Components of Machine Tools and Industrial Machinery (Ball Screws, Linear Guide, Controllers)</li> </ul>	120
25	Smart Manufacturing, Automation and Robots	<ul style="list-style-type: none"> <li>● Smart Manufacturing</li> <li>● Industry 4.0</li> <li>● Industrial Automation</li> <li>● Industrial Robots</li> <li>● Service Robots</li> <li>● Unmanned Vehicles (Not Including Self-driving Cars)</li> </ul>	160
26	High-tech Industrial Equipment and Advanced Manufacturing Processes	<ul style="list-style-type: none"> <li>● Semiconductor Manufacturing Equipment and Key Components</li> <li>● FPD Manufacturing Equipment and Key Components</li> <li>● 3D Printing Equipment and Key Components</li> <li>● Laser Processing Equipment and Key Components</li> <li>● Advanced Manufacturing Equipment and Key Components (Ex: Industry 4.0)</li> </ul>	120

## IEK Services

No	Module Title	Scope & Context	List Price (Unit: NT\$K)
27	The Market Trends and Business Opportunities in Automobiles, Motorcycles, Including Parts and Intelligent Manufacturing	<ul style="list-style-type: none"> <li>● Overview</li> <li>● Automotive and Components</li> <li>● Motorcycles and Components</li> <li>● Intelligent Manufacturing Technology of Vehicle Production and Applications</li> <li>● Other Key Components</li> </ul>	140
28	The Market Trends of Automatic Driving and Major Automobile Electronics	<ul style="list-style-type: none"> <li>● Automatic Driving Systems</li> <li>● Communication System to Connect Cars</li> <li>● In-vehicle Human-computer Interface Devices</li> <li>● Power Electronics of Low Energy Vehicles</li> <li>● Advanced Driver Assistance Systems (ADAS)</li> <li>● Intelligent Vehicle Innovation Demonstration Applications</li> <li>● IC, Wafer and Regulations of Cars</li> </ul>	160
29	The Market Trends and Business Opportunities in Electric Vehicles	<ul style="list-style-type: none"> <li>● Electric Passenger Vehicles</li> <li>● Electric Buses</li> <li>● Niche Electric Vehicles</li> <li>● Battery Materials of Electric Vehicles</li> </ul>	140
No	Module Title	Scope & Context	List Price (Unit: NT\$K)

## IEK Services

30	<b>Chinese Industries and Technologies Outlook</b>	<ul style="list-style-type: none"> <li>● Tendency of Overall Industry Economics in China</li> <li>● Technology Development Trend and Independent Innovation</li> <li>● Outlook of Focus and Emerging Industries</li> <li>● Domestic Market Opportunities and Strategies</li> <li>● Leading Manufacturers Profile The Direction and Influence of Key Industrial Policies</li> </ul>	170
31	<b>Industrial Economy and Science and Technology Policies of Leading Countries</b>	<ul style="list-style-type: none"> <li>● Taiwan' s Manufacturing Trend and Business Cycle Forecast</li> <li>● Industry Interaction among Leading Countries</li> <li>● Science and Technology Policy of Leading Countries</li> <li>● Industrial Policy of Leading Countries</li> <li>● Analysis of Science and Technology Rules and Regulation for Leading Countries</li> <li>● International Startups and Talent Development</li> </ul>	180
32	<b>Innovative Technology Solutions of Smart City</b>	<ul style="list-style-type: none"> <li>● Smart Auto Business Process</li> <li>● Digital Healthcare Predictions</li> <li>● Precision Retail and Experience Technology</li> <li>● Green and Sustainable Value Networks</li> </ul>	160
No	Module Title	Scope & Context	List Price (Unit: NT\$K)



## IEK Services

33	<b>AI Technology Development and Market Opportunities</b>	<ul style="list-style-type: none"><li>● Deep learning, Vision, Recognition, Language Processing, Industrial / Service Robots, AIoT, Autonomous Vehicles</li><li>● Global Markets, Industry Development, AI Ecosystems, Startup Focus</li><li>● Market Challenge &amp; Opportunities, Innovative Business Models, Social Impact of New AI Era</li><li>● Key Players, Global Supply Chains, Integration of AI Software &amp; Hardware, Global Competition and Strategy</li><li>● AI Manufacture / Medical / Health Care / Finance / Transportation / Innovation Development etc.</li></ul>	200
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\* All the prices are inclusive of tax



## Membership Term and Condition

### 1. Industry Insight

IEK releases more than 600 industry insight reports annually. The content contains technological forecasts and analyses of product strategies.

- Product sales & production survey, analyses and prediction
- Industry status and development (industry policy and events)
- Market trends (new market opportunities, potential business, and new products)
- Technology trend and applications (Technology comparison and business opportunities, application and patent analyses).
- Competition analyses (industry supply chains, leading company strategies and SWOT analyses)

### 2. Presentation of Industry Trend

IEK hosts more than 50 seminars annually. The topics include Industry trends, market segmentation, and technology and vendors' information. All these seminars presentations will be uploaded to the IEKNET service.

## Member Service Program

The IEKNET service program is as follows:

### 1. Online Service

- Search & Download service: Each module allows on line search, index, and preview and download services. IEKNET allows 5 con-current users access or unlimited users access (dedicated IP address).
- Daily News: Daily hotline and seminar activity via email notice.
- Consultant Service: IEKNET members get 4 free points for each module of the consultant service. Member can access consultant services via email or the Web. The query context should be limited to licensed modules.

### 2. Publications

For IEKNET members, we offer one copy of our ITIS publication free of charge for **those who make purchases of NT\$300,000 or more**. (Limited to publications by IEK)

### 3. Seminars

- IEK seminar: IEKNET member get free 4 points to attend IEK seminar for **those who make purchases of NT\$100,000 or more**. Each point allows each person a half-day seminar. E.g. two points are required for whole-day seminar. The deductible seminar will be listed in IEKNET.
- IEK seminar: IEKNET member get 4 free points to attend an IEK seminar for **those who make purchases of NT\$ 100,000 or more**. Each point allows for each person a half-day seminar.

### 4. On-site Seminars

Our profession analyst will visit you and provide an on-site seminar service. IEKNET will provide the list of speech topics for your reference. Each on-site seminar costs NT\$30,000 for 2 hours including Q&A. For customized topics the price would be





## IEK Services

pre-discussed.



## Contact Information

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- Service Web : <http://ieknet.iek.org.tw>
- Service items:
  - IEKNET membership applications
  - IEKNET members rights and operations
  - Trouble shooting and bug fixing
  - Service pack introduction
  - Seminar and events queries and registration.