

CASE STUDY : KOMSCO

CREATING
TRUST & VALUE

We Pursue World Best

KOMSCO





Korea Minting, Security Printing & ID Card Operating Corp.

Aiming for the Global first company in the field of Security printing, Minting and ID/IT business

People say that the world is changing so rapidly, and the value gets blown away so easily. People say that the world needs more technology and trust.

We have a confidence that we have built on the public trust and have the ability to make the world a better place. Our company will, through its value and its products, create human future. Our technology will make the world more comfortable.

Global First Minting, Certification and Security company - that's KOMSCO.



1. INTRODUCTION

• Mission

We contribute to build a reliable society by implementing the Public Authenticity through the best anti-counterfeit technology in the world

• Vision



- KOMSCO, a sole state-run currency and national ID card manufacturer of the Republic of Korea, contributes to national economic growth with the stable supply of security products ranging from banknotes and coins to various types of national security products such as NIDs, passports, secure elements for IoT/M2M environment, anti-counterfeit labels and blockchain-based payment system.
- In order to fulfill our mission “We contribute to build a high-trust society through public authenticity¹⁾ with the world’s best anti-counterfeit competence”, KOMSCO has been constantly ramping up its efforts to improve public security.

¹⁾ Public authenticity means to protect identity and property of the public from being counterfeited or to make them verified or trustworthy, thereby protecting public interest and value.

1. INTRODUCTION



KOREAN TIGER



CHIWO CHEONWANG



■ KOMSCO's major achievements for 2017-2018

- Continuing two kinds of bullion medal series which were launched in 2016 and have been annually released
- Issuing Korea's first commemorative banknote for 2018 PyeongChang Olympics
- Releasing blockchain-based mobile gift certificate

2. REMARKABLE PRODUCTS



- **Commemorative medal for 10-year death anniversary of Cardinal Stephen Kim Sou-hwan**
 - To commemorate 10-year death anniversary of Cardinal Stephen Sou-hwan Kim who was the first Cardinal of Korea and greatly contributed to bring democracy in nation, KOMSCO manufactured a commemorative medal in 2019.
 - A Black rhodium-plating technique, which highlights the portrait effectively by high contrast, was applied to the medal for the first time in history of KOMSCO.

2. REMARKABLE PRODUCTS



■ Bullion medal: ZI:SIN SCROFA PROOF (Eclipse)

- Continuing success of one of the bullion medal series named ZI:SIN, which means 12 guardians assigned to protect the world against evil forces from 12 directions at all times, KOMSCO issued the third release featuring the guardian SCROFA²⁾ in a proof finish with a full-latent image, thereby amplifying the meaning of its subject and aesthetic elements.

²⁾ ZI:SIN SCROFA is responsible to protect and guide the sacred Salt-Lake created by the gods of sun, moon and star. The Salt-Lake is a divine passage connecting two worlds between mortals and immortals.





2. REMARKABLE PRODUCTS



■ Commemorative coin series : Korea's national parks

- Taking Korea's national parks as its theme, KOMSCO has manufactured 22 commemorative coin series over a 7-year period. As of now, 5 out of 22 commemorative coin series have been released and the rest is scheduled to be issued in turn in the years ahead.
- Since it shows growing popularity and encourages collectors to have continued interest, all released series were sold out. A special case with drawing applied intaglio printing technology will also be released as limited edition which can store and display the whole series of these commemorative coins.

2. REMARKABLE PRODUCTS

| Year | Front | Back | Item |
|------|--|--|--|
| 2017 |  |  | Korean National Parks - Jirisan |
| |  |  | Korean National Parks - Bukhansan |

2. REMARKABLE PRODUCTS

| Year | Front | Back | Item |
|------|--|--|--|
| 2018 |  |  | Korean National Parks – Deogyusan |
| |  |  | Korean National Parks – Mudeungsan |
| |  |  | Korean National Parks - Hallyeohaesang |

3. NOTABLE ISSUES



Rainbow



Gradation

■ Introduction of new technologies and facilities

- In 2019, KOMSCO is planning to introduce new production facilities and develop technologies. In this regard, it is expected to reduce time spent to make metal molds by half and apply more different kinds of techniques to our products.

3. NOTABLE ISSUES



- In order to strengthen capabilities and expand business for special coining, KOMSCO is planning to introduce a computer simulation program which can check manufacturing suitability depending on material of medals or designs.
- In the long term, KOMSCO is considering changing the current manufacturing system for special coining products, which is mostly individual process stage by stage, to integrated manufacturing system for productivity improvement and product uniformity.

