

## Digital Transformation - A Journey from Scratch to Infinity



中華人民共和國香港特別行政區政府  
房屋局  
Housing Bureau  
The Government of the Hong Kong Special Administrative Region  
of the People's Republic of China

# BRONZE



### Introduction of the Organisation

The Independent Checking Unit (ICU) works directly under the Office of the Permanent Secretary for Housing. ICU exercises statutory building control to properties developed by the Hong Kong Housing Authority (HA) that have been sold or divested and HA's new development works in accordance with the Buildings Ordinance and the policies and guidelines of the Building Authority.

ICU has all along been committed to leveraging advanced technology to enhance quality assurance and efficiency of building controls at all fronts. We launched Hong Kong's first digital platform for submission and approval, "HePlan", and developed our BIM tools to assist vetting. More than 100,000 public housing units have been benefited. For site supervision, we have developed digital system "ICUSMS" and made use of drone to conduct site inspections. For construction material control, we have launched Hong Kong's first AI-powered automatic checking system, "HeCheck", to check construction material test reports. More than 100,000 test reports have been processed.

To further enhance our services, we are developing an AI-powered big data system to enhance our New Quality Productive Forces with a view to meeting the challenges of public housing production.

