



Guangdong Vcom Education Technology Co., Ltd
Global Industry Partner of Worldskills International

Introduction to the Information Network Cabling Simulation Software

ICT Network Infrastructure (Information Network Cabling)

2024-8

Overview

I. Introduction to the Information Network Cabling

Practical Training Simulation Software

II. Information Network Cabling Practical Training

Simulation Software Product Display

PART 01

Introduction to the Information Network Cabling

Practical Training Simulation Software

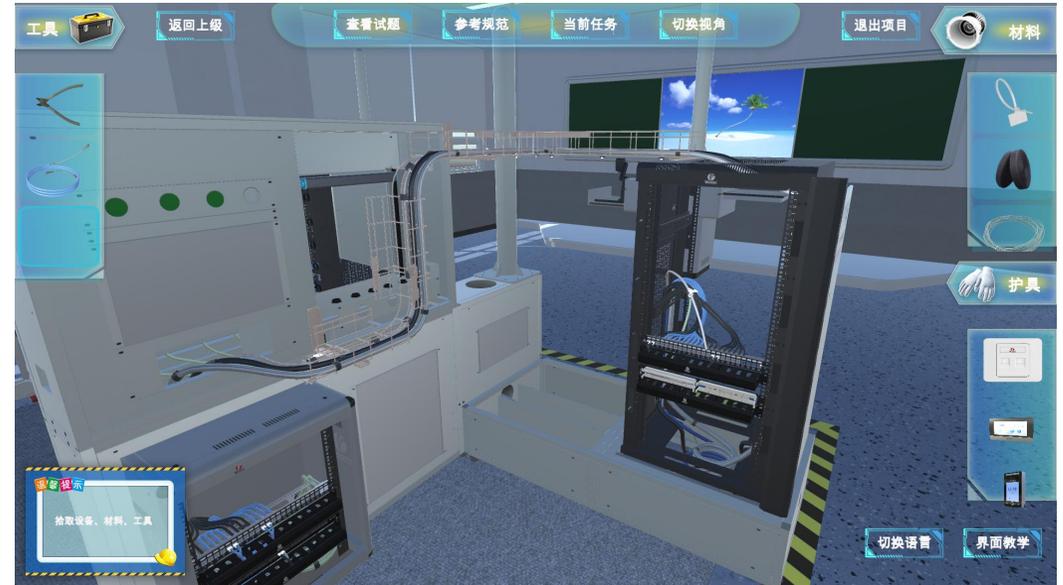
Product Description:

The Information Network Cabling practical training project integrates MR technology to merge the real and virtual worlds, creating a new visualized practical training environment. By learning through this software, users can align with the standards of the WorldSkills Information Network Cabling competition, recognize Information Network Cabling tools, and understand the operational processes of Information Network Cabling modules. This enables deeper understanding of skill points during actual practice and familiarity with operational procedures. It supports teaching by allowing learners to study and improve Information Network Cabling skills anytime and anywhere, while reducing the consumption of physical training materials.



Product Features:

1. The practical training modules integrate virtual and real elements, allowing users to operate as if on actual equipment;
2. The operational steps are displayed with 3D stereoscopic effects, providing visualized guidance;
3. The MR practical training software operates in real time, enabling convenient and flexible learning;
4. Skill learning and improvement in practical operations do not rely on physical equipment and materials;
5. The MR practical training software is not restricted by geographic location, making it flexible and convenient.



Product Functions:

1. The software includes a robust security and confidentiality mechanism. The software is encrypted, and before using the system, each user must ensure that the internet connection is functioning properly. On the system login interface, users must enter the account and password provided by VCOM, and click the [Login] button to access the system.



2. It does not consume physical equipment or materials, supports repeated skills training, and reduces training costs.



3. The software allows users to select a practical module and enter practical training. Currently, four modules are supported: Module A: Optical Fiber Backbone Cabling System. Module B: Structured Cabling System. Module C: Office/Smart Home Cabling. Module D: Fault Link Detection.



重新登录

世界技能大赛 - 信息网络布线项目

WORLDSKILLS - INFORMATION NETWORK CABLING

模块选择

Module Selection

模块一: 光缆主干布线系统

模块二: 结构化布线系统

模块三: 办公室/智能家居布线

模块四: 故障链路检测

Vcom 唯康

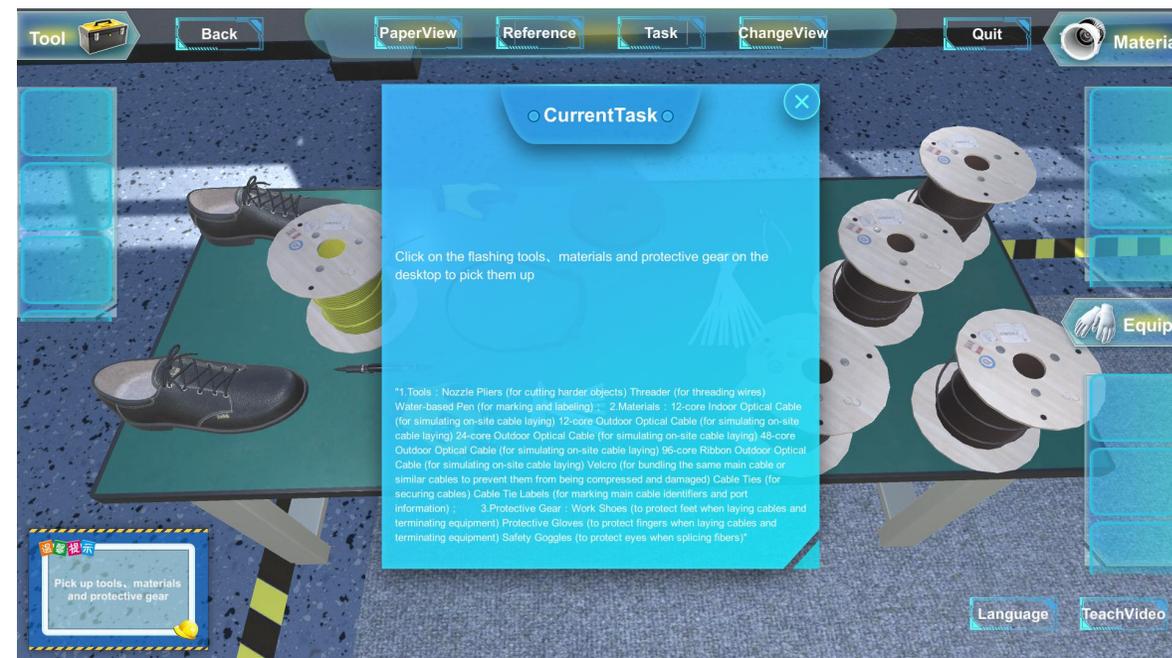
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世界技能组织全球行业合作伙伴
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唯康公众号

唯康官网

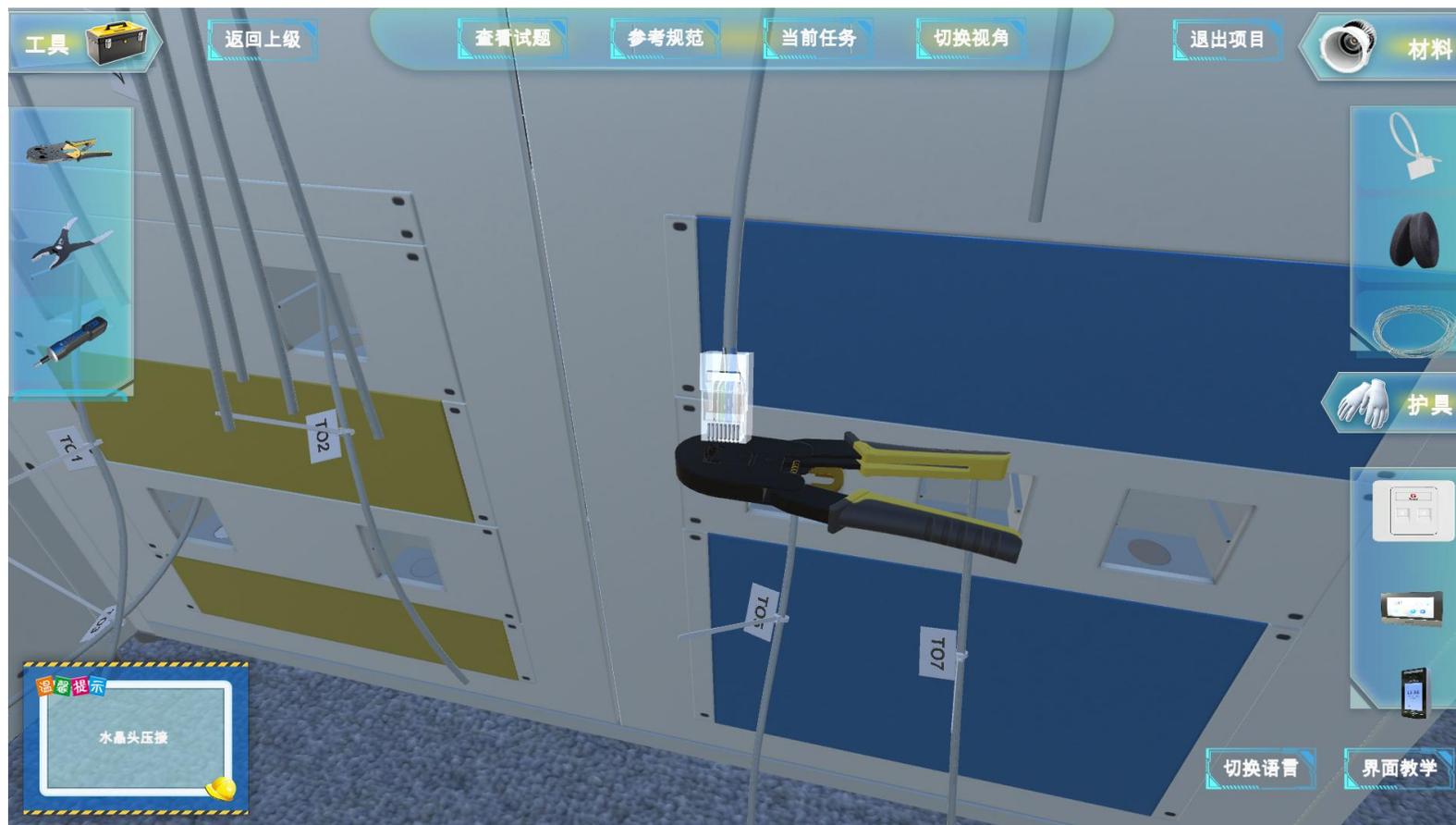
4. It supports both Chinese and English language environments, offering theoretical knowledge learning and step-by-step operational prompts.



5. Based on the blinking prompts on the screen, users select the tools, protective gear, and materials required for the module's practical training.



6. According to the simulation software's operational steps and AI prompts, users complete the module's practical training. If an operation step is incorrect, the system will not allow progression to the next step.



PART 02

Information Network Cabling Practical Training

Simulation Software Product Display

Simulation Software Product Display

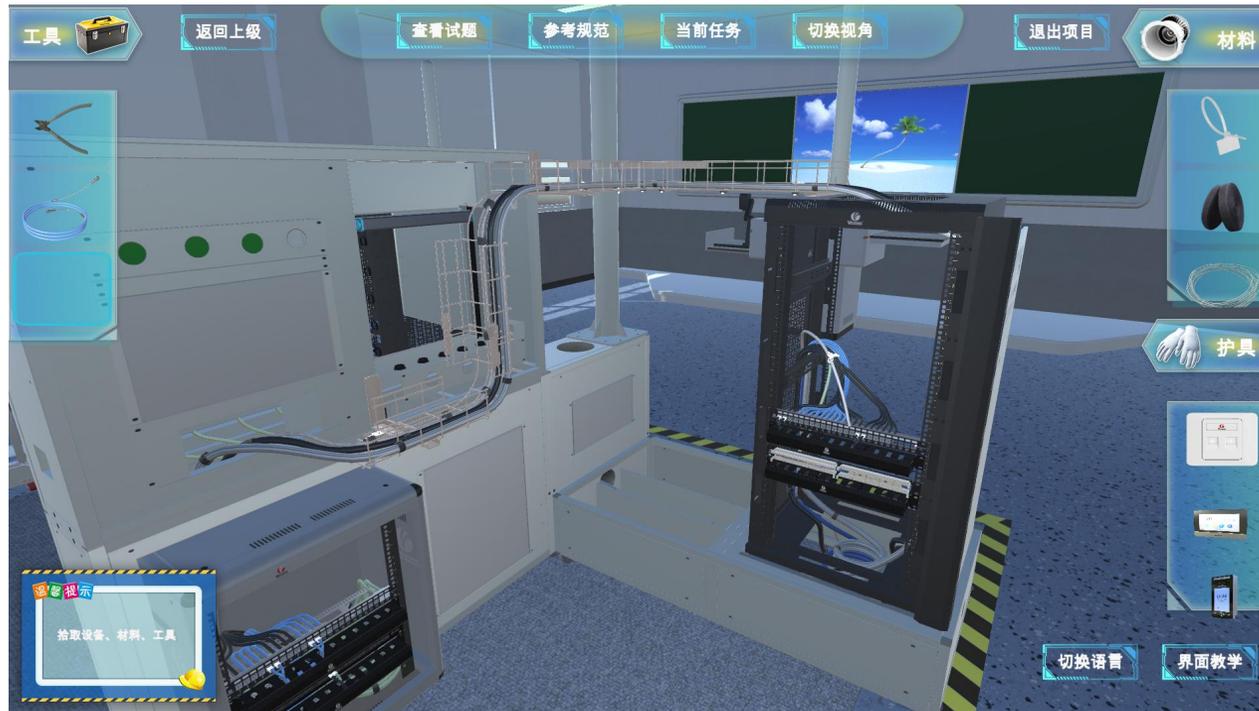
Product Description:

The Information Network Cabling simulation training software integrates MR technology to merge the real and virtual worlds, creating a new visualized display environment. Through this software, users can learn about the equipment, competition modules, tools, and consumables used in the Information Network Cabling WorldSkills Competition. By simulating a real Information Network Cabling environment, users can intuitively understand the equipment and functional modules of the practical training setup. It meets the requirements of various display environments, providing realistic 3D display scenes that enhance the authenticity of user experience and allow more people to learn about the structure and functional modules of Information Network Cabling products.



1. Product Features:

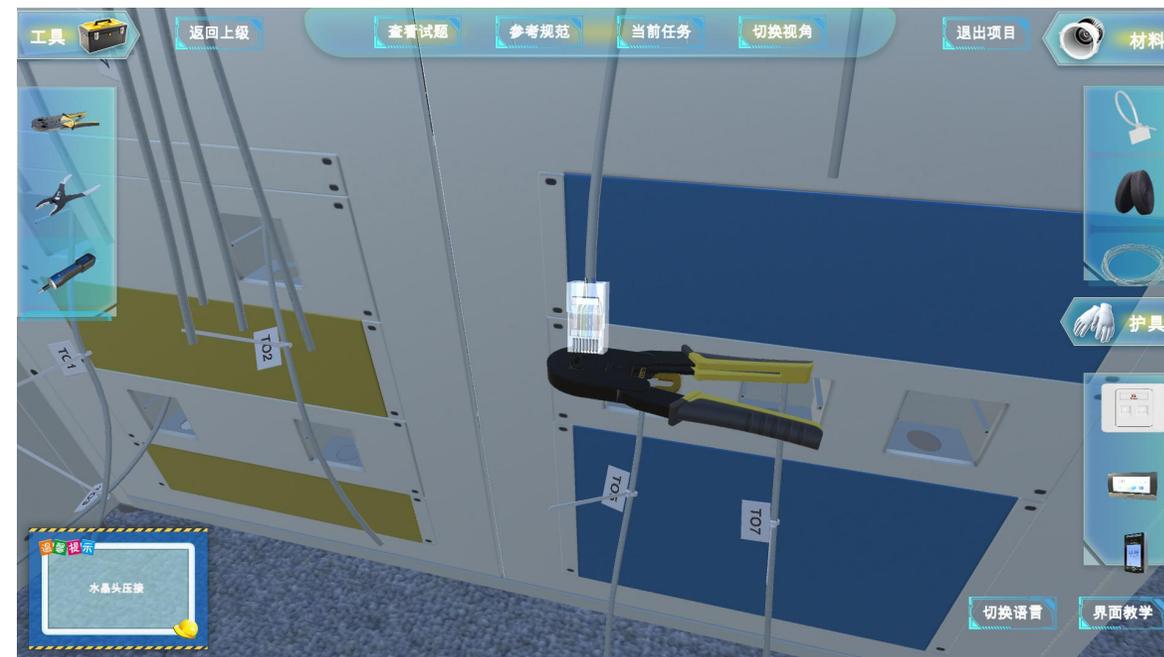
1. Information Network Cabling products are visually presented through a combination of virtual and real environments;
3. Information Network Cabling equipment, modules, tools, and consumables are displayed with 3D stereoscopic effects;
4. Not affected by geographic regions or display environments, enabling the promotion of the product applications anytime and anywhere;
5. New technologies and new display methods attract more customer attention.



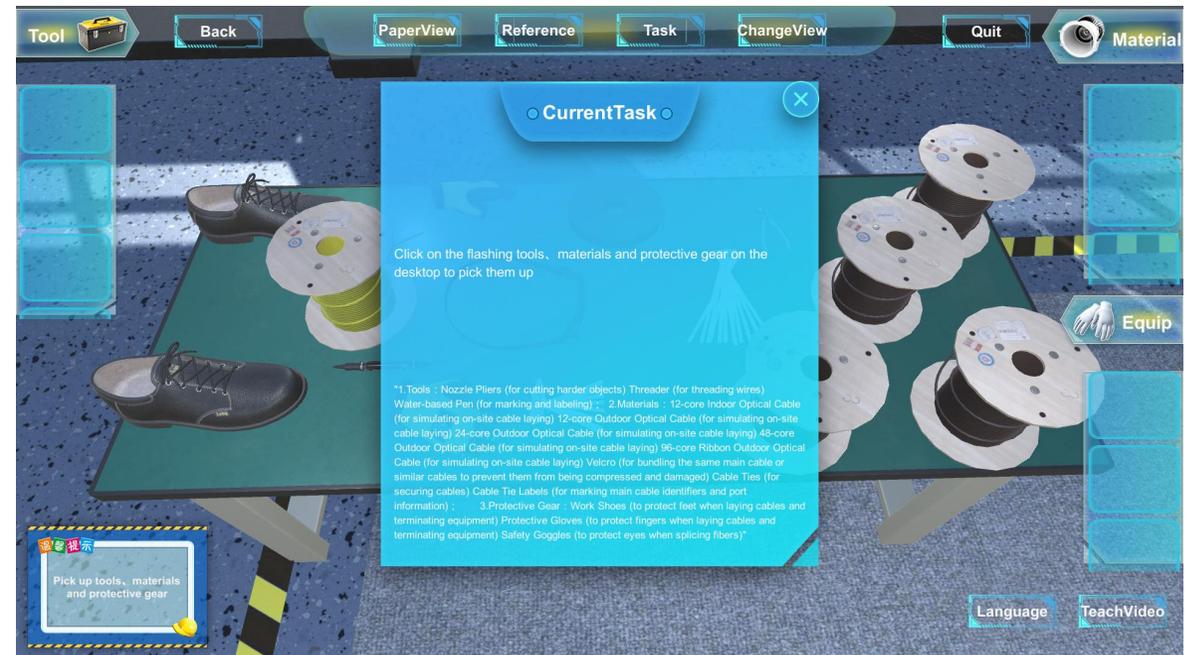
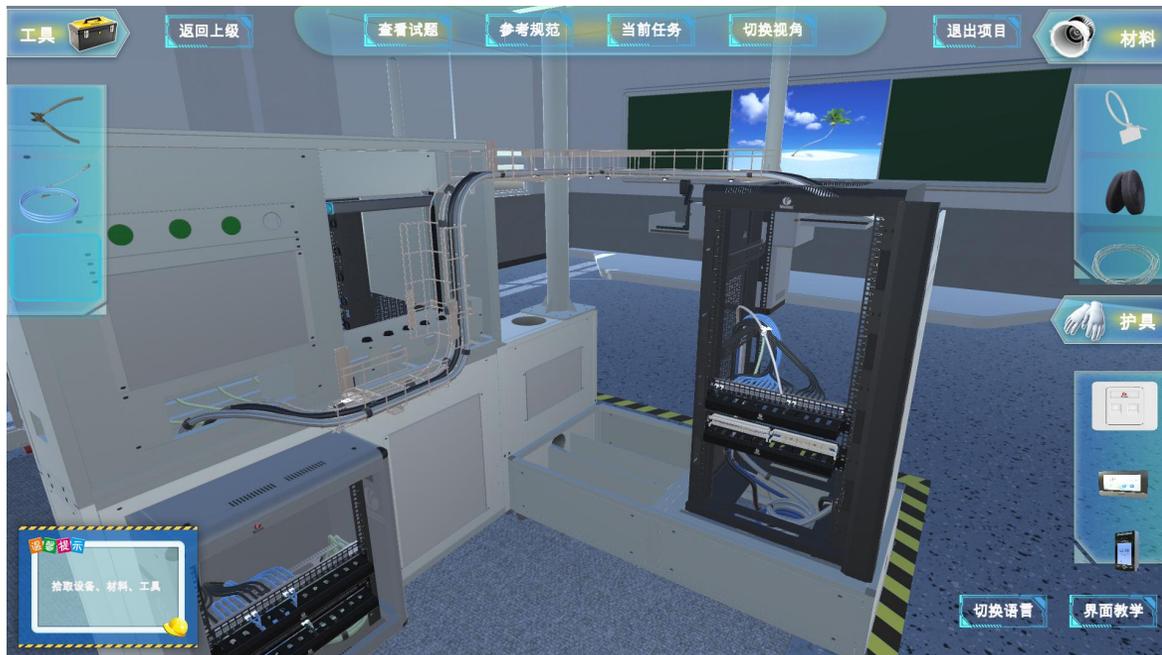
2. Information Network Cabling equipment, competition modules, tools, and consumables are presented with stereoscopic effects, accompanied by AI-based product function introductions.



2. AI blinking prompts provide guidance, making operation simple and intuitive.



3. The software supports repeated looped demonstrations and free selection of display items.



THE END THANKS!

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