NWarch AI

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Use Case Studies

Construction

Enhancing Safety and Compliance with Advanced AI Solutions

Use Case Studies

Helmet Detection
Detect if workers are not wearing safety helmet.

Gloves Detection
Detect if workers are not wearing safety gloves.

Harness Detection
Detect if workers are not wearing safety harness.

Vest Detection
Detect if workers are not wearing safety vest.

Shoes Detection
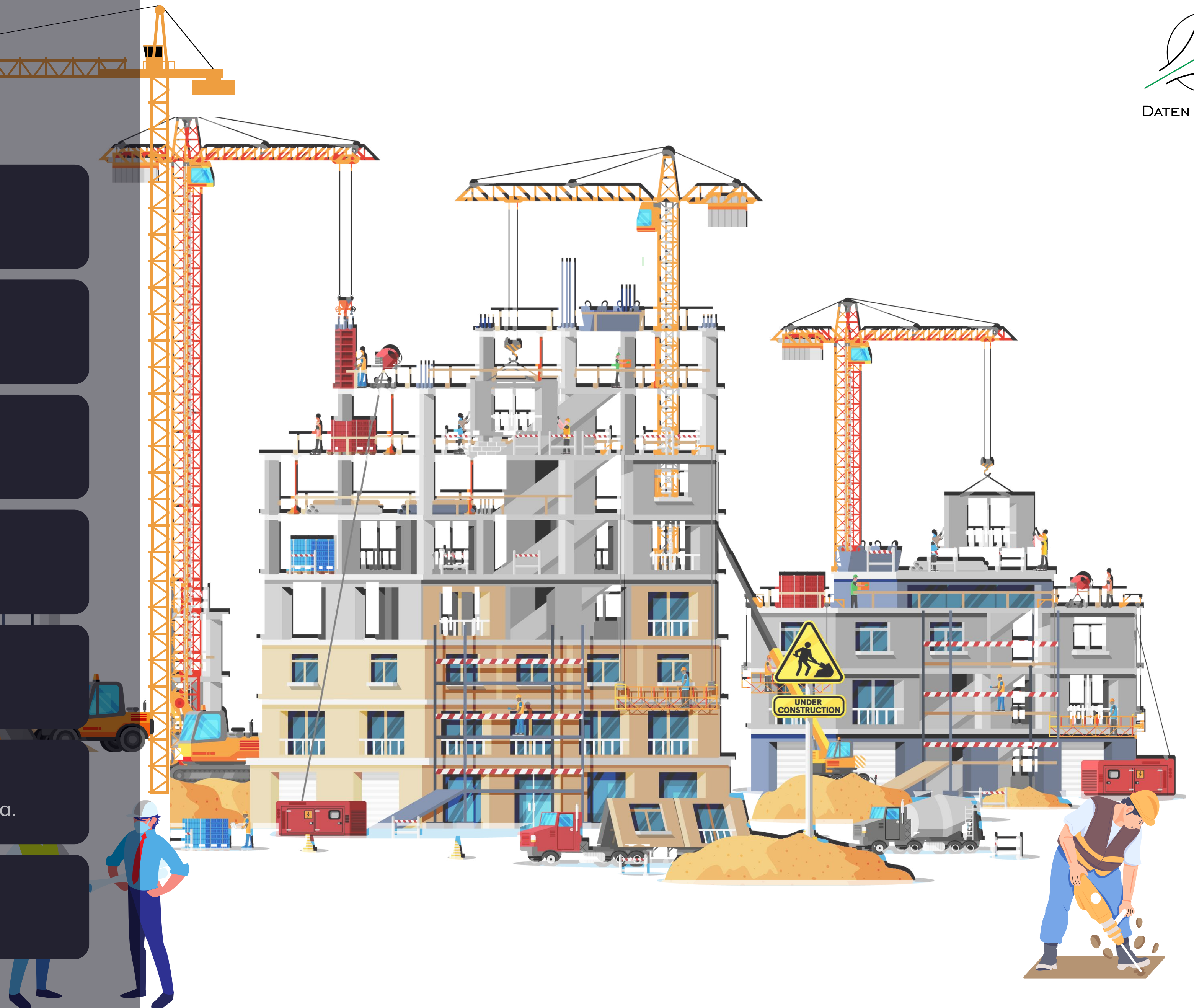Detect if workers are not wearing safety shoes.

Edge/Cutout Area Protection
Detect if workers are standing near edge/cutout area.

Overhead Hazard Detection
Detect people under suspended loads.

Helmet Not Detected

Helmet Detection
Detect : Person Not Wearing Safety Helmet

The Helmet Detection Service uses computer vision to instantly spot anyone not wearing a helmet, improving safety and ensuring compliance by monitoring live video feeds in real-time.

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Gloves Not Detected

Gloves Not Detected

Gloves Detection

Detect : Person Not Wearing Safety Gloves

Our Gloves Detection Service uses advanced technology to quickly spot whether workers are wearing safety gloves in real-time video, ensuring compliance with safety rules across various work environments.

Harness Detection

Detect : Person Not Wearing Safety Harness

No Harness Detected

The Harness Detection Service employs sophisticated technology to accurately monitor and verify that workers are wearing safety harnesses during high-altitude tasks, ensuring adherence to safety regulations and protecting workers in hazardous construction and industrial settings.
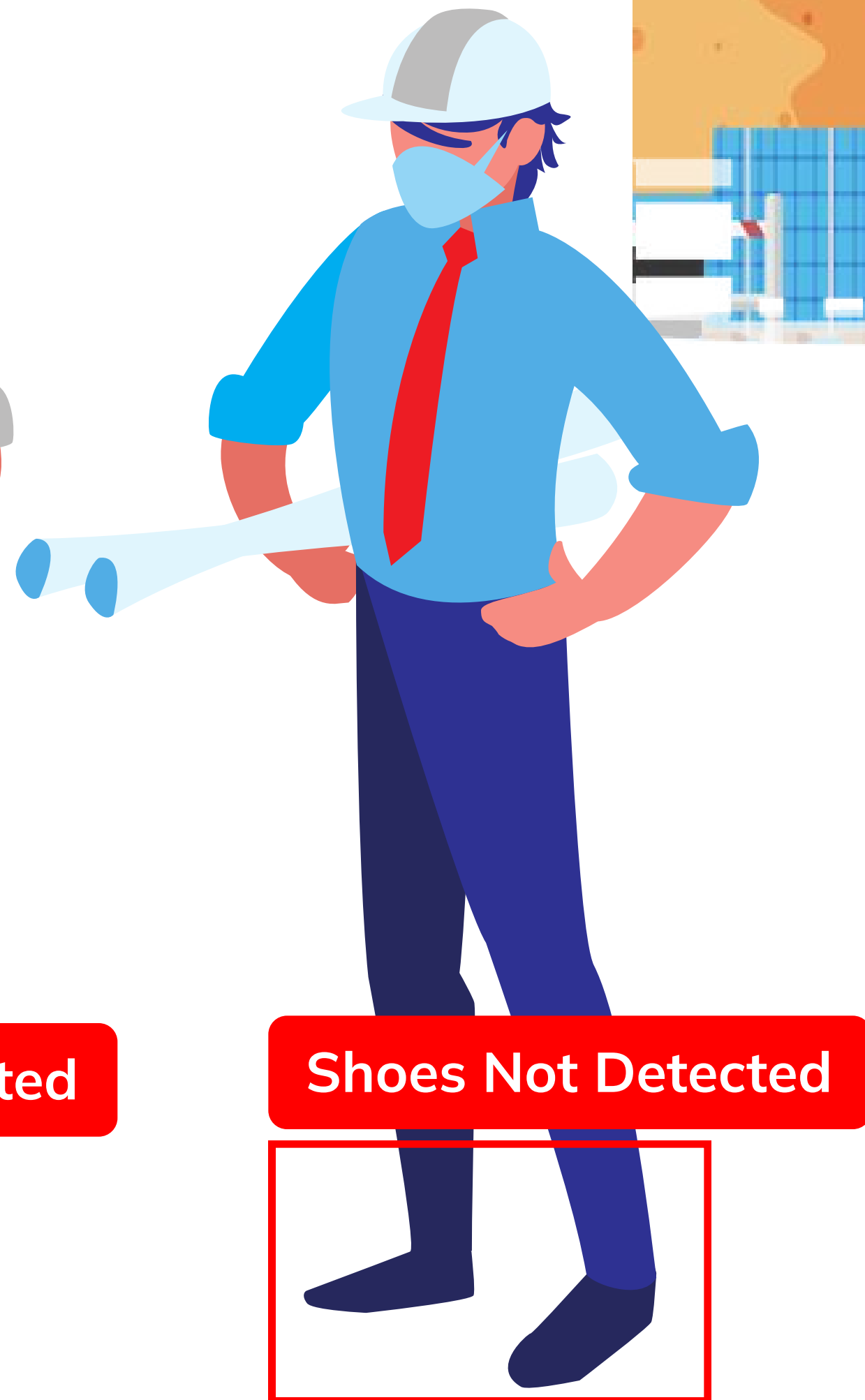
Vest Not Detected

Vest Detection
Detect : Person Not Wearing Safety Vest

Our Vest Detection Service utilizes cutting-edge video surveillance technology to precisely identify workers wearing safety vests or jackets, ensuring that all personnel are compliant with safety gear requirements at various job sites, thereby enhancing overall site safety.

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Shoes Detection

Detect : Person Not Wearing Safety Shoes

The Shoes Detection Service uses advanced computer vision to efficiently monitor and confirm that workers are wearing appropriate safety footwear, ensuring compliance with footwear regulations and contributing to a safer working environment in construction and industrial areas.

Shoes Not Detected

Shoes Not Detected

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Edge/Cutout Area Protection
Detect : Person Standing Near Edge or Cut-Out Area

Our Edge/Cutout Area Protection Service uses real-time video monitoring to detect workers near potentially dangerous edges or cutout areas, enhancing site safety by ensuring that safety protocols are strictly followed in these critical zones.

Edge Detection

Edge Detection

UNDER

Overhead Hazard Detection

Detect : Person Standing Under Suspected Area

The Overhead Hazard Detection service continuously monitors areas under cranes to detect anyone in the danger zone. By swiftly identifying individuals, it helps prevent accidents and protect workers from serious injuries or fatalities.

Person Under Suspected Area Detected

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Thank You!

Let's Connect

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