

Template Distribution Utility – Feature Description

The **Template Distribution Utility** is designed to simplify biometric management across large-scale deployments. It allows administrators to **retrieve a registered face template from one device and automatically/ manually distribute it to multiple connected devices**. This eliminates the need for users to register their faces repeatedly on every terminal.

The system allows administrators to select specific terminals based on access permissions. Since each device is connected to a physical lock, this ensures that **only the right users can unlock and enter the designated areas**.

How It Works

1. **Register the user once** on one enrollment device.
2. Assign the user to specific doors or terminals.
3. The system Admin can transfers the user's face template **only** to the authorized terminals.
4. The device uses the template to authenticate the user and trigger the connected lock.

Key Advantages

- **Centralized Template Management:** Manage all biometric templates from the back-end system instead of handling each device manually.
- **Time & Labor Saving:** Ideal for large projects with hundreds or thousands of devices — register once and sync everywhere.
- **Consistency Across Devices:** Ensures uniform and accurate user authentication across the entire network.
- **Automatic Distribution:** Once a template is captured on the primary device, the system pushes it seamlessly to all devices.
- **Improved User Experience:** Users do not need to move from device to device for registration.

Use case

- Office buildings with multiple restricted areas
- Factories with zone-based access
- Residential towers with floor/door access control
- Campuses with controlled entry points
- Multi-location enterprises