



# Link API Documentation

Link is Last Lock's primary way of communicating with locks.

Below, you'll find an overview of different API sections to help you integrate and manage operations efficiently.

## Link overview

Link allows you to assign credentials and monitor Last Lock locks. Every Last Lock device is assigned, at creation, a Device ID. Talk to your contact at Last Lock if you are unsure of your device's ID. You can use this ID to assign credentials to your lock. You can also use this ID to monitor attempted access to your lock.

## Connecting to link

The Link API communicates over [gRPC](#). gRPC allows flexibility language, streaming, versioning, and preformant connection managment. To access your organization's locks over Link, you'll authenticate and begin making requests over gRPC.

## Assigning credentials

Link supports a range of credential types. To assign credentials to locks, use the `Assign` method. The assign method takes a map of device IDs to lists of credentials, and this states that the lock should now have the listed set of credentials. Link will then compute the minimal actions to make this so and propagate these actions to your lock.

## Auditing locks

Last Lock devices record every attempted access and propagate these as audits to Link. You may query the entire history of attempted access on your lock. You may also stream updates getting pushes for each attempted access.



## API Sections

💡 **Need Help?** Contact us at [support@lastlock.com](mailto:support@lastlock.com).