Omnikey Reader/Writer Desktop App

There are many different forms of key card locks for keeping buildings secure. One is known as Mifare Classic, a card commonly used in buildings. To read or write a card, a unique authentication key is required. In general, the only way to do this is to use expensive proprietary software. Our goal is to write an app in javascript and C++, that will allow users to read and write to cards that are compatible MiFare Classic. This app will read the cards with an Omnikey 5022 reader that connects to the USB port.