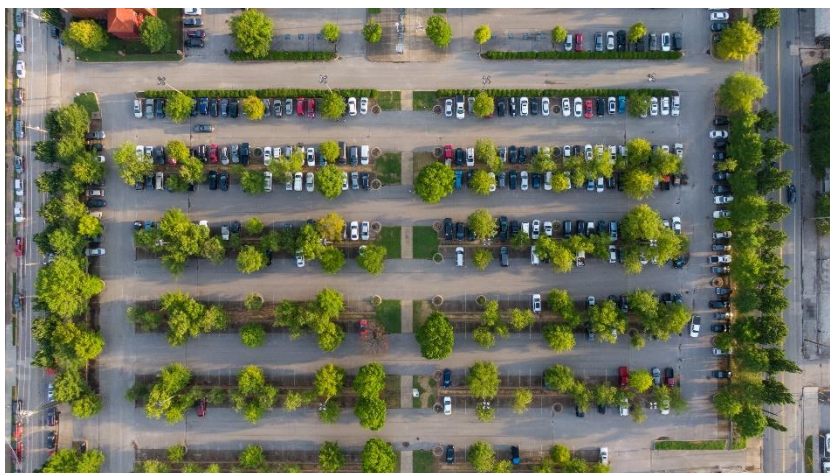




## Software House

# Encode Labs Credential Provisioning for C-CURE 9000 Lumo ANPR Module.



### Key Features

- Add License Plate information directly on C-CURE personnel records.
- Also add License Plate support for visitors through the Web Portal.
- CR-PRO Automatically Generates ANPR Credentials using the ANPR to bitstream algorithm.
- Supports 26bit and 64bit Wiegand operating modes.
- Multiple license plates per person (Car, Bike etc.)
- All ANPR Access stored on the owner's Journal Activity

Using license plate recognition technology for vehicle access control has become very popular. Nedap's ANPR Lumo identifies vehicles by capturing their license plates, making it the perfect solution for situations in which vehicles require access temporarily or incidentally.

The CR-PRO Credential Provisioning Service uses the Lumo ANPR algorithm for calculating and adding ANPR credentials directly to Personnel or Visitor records. All ANPR activity is linked to the owner of the license plate and shows up when consulting the journal.

When used in conjunction with the C-CURE 9000 Visitor Management module, you can add the license plate field to the C-CURE Portal as well, allowing your hosts to provide License Plate access to their visitors.

Because of the used Wiegand operating mode, no write cycles are performed to the Lumo memory. This brings a few advantages:

- The number of supported license plates is equal to the limit of your C-CURE server license and the connected controller, with the maximum being 500.000 cardholders.
- Ideal for high-frequency updates such as high-throughput parking as there is no update limit.
- Life cycle of the unit is no longer limited by the number of memory write cycles.

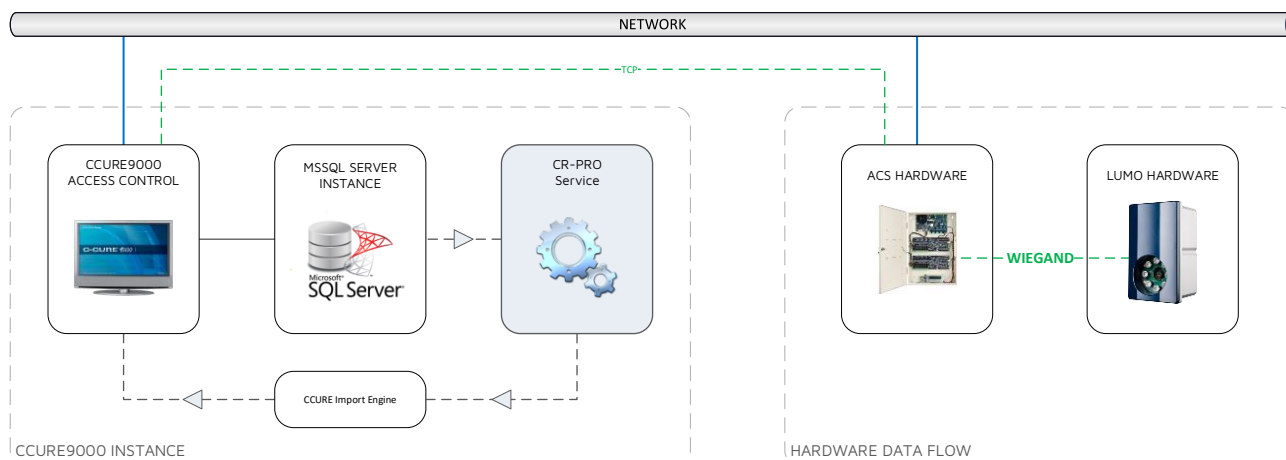
Using the Encode Labs Credential Provisioning integration within the C-CURE 9000 host there is no dedicated network connection to the ANPR cameras required. The Lumo camera can be pre-configured to work in either 26bit or 64bit mode which makes it send the read license plates over a Wiegand connection to an access control panel. This allows you to keep your network inside and secure.

Super easy on-site installation. With pre-configured units, you only need to connect Power and Wiegand. Simple as that.



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## Architecture



## Sample CCURE Personnel View

This view was customized using the CCURE9000 Personnel View Editor

Personnel - Doe, John

Save and Close Save and New Save Current View: Encode Labs Multi View

General Credentials Clearances Customer Customer Extended Images Badging Custom Clearance Previous Doors User-defined Fields Documents Personnel Triggers Web and Mobile

First Name: John  
 Middle Name:   
 Last Name: Doe  
 Object ID: 5000  
 Personnel Type: Employee  
 Operator Name: Admin

Vehicle  
 License Plate(s): 1-ABC-123 \* LR51 ABC

Permission Conditions  
 Date1:   
 Date2:   
 Date4:   
 Date3:

Credentials  
 Add Card Access Add PIN Only Access Remove Validate CHUID Uniqueness Assign Temporary 0 Lost and 0 Stolen Cards

Credential Id	Card Number	Access Type	CHUID Format	Credential Status
5033	12345	Card Access	Card Only	Active
5043	6990751	Card Access	Card Only	Active
5044	51315938	Card Access	Card Only	Active

Card Status  
 Disabled  Expired  Anpr Credential  Lost  Temporary  Stolen  Disabled By Inactivity

Standard Fields  
 Activation: 2/23/2020 1:23 AM  
 Expiration: 2/23/2025 1:23 AM

Last edited by: stefc  
 Last edited on:



## Software House

### Sample CCURE Portal form

Add License Plate registration to the CCURE Visitor Portal so your hosts can provide vehicle access for their visitor. License Plates are only enabled for a specific duration (configurable) before and after the planned visit.

Create New Visitor
✓ ✕

**Last Name\***

**First Name\***

**Email Address**

**License Plate**

### Supported OS

Windows Server 2019 Standard & Enterprise (64-bit)  
 Windows Server 2016 Standard & Enterprise (64-bit)  
 Windows Server 2012 R2 SP1 or later (64-bit)  
 Windows 10 Professional & Enterprise (64-bit)

### Ordering information

Model Number	Description
ENC-CC9-LUMO	Encode Labs ANPR Credential Generator for C-CURE 9000. This service will auto generate credentials for License plate details entered in a defined cardholder text field. Visitors/Employees can be granted access to parking or other areas using their vehicle with a registered license plate. This to enhance convenience at facilities.

### Download

For more information on this module please click on this link <https://www.encode labs.be/>

Direct link to the installer driver and the manual: <https://www.encode labs.be/support/software-download-page/>