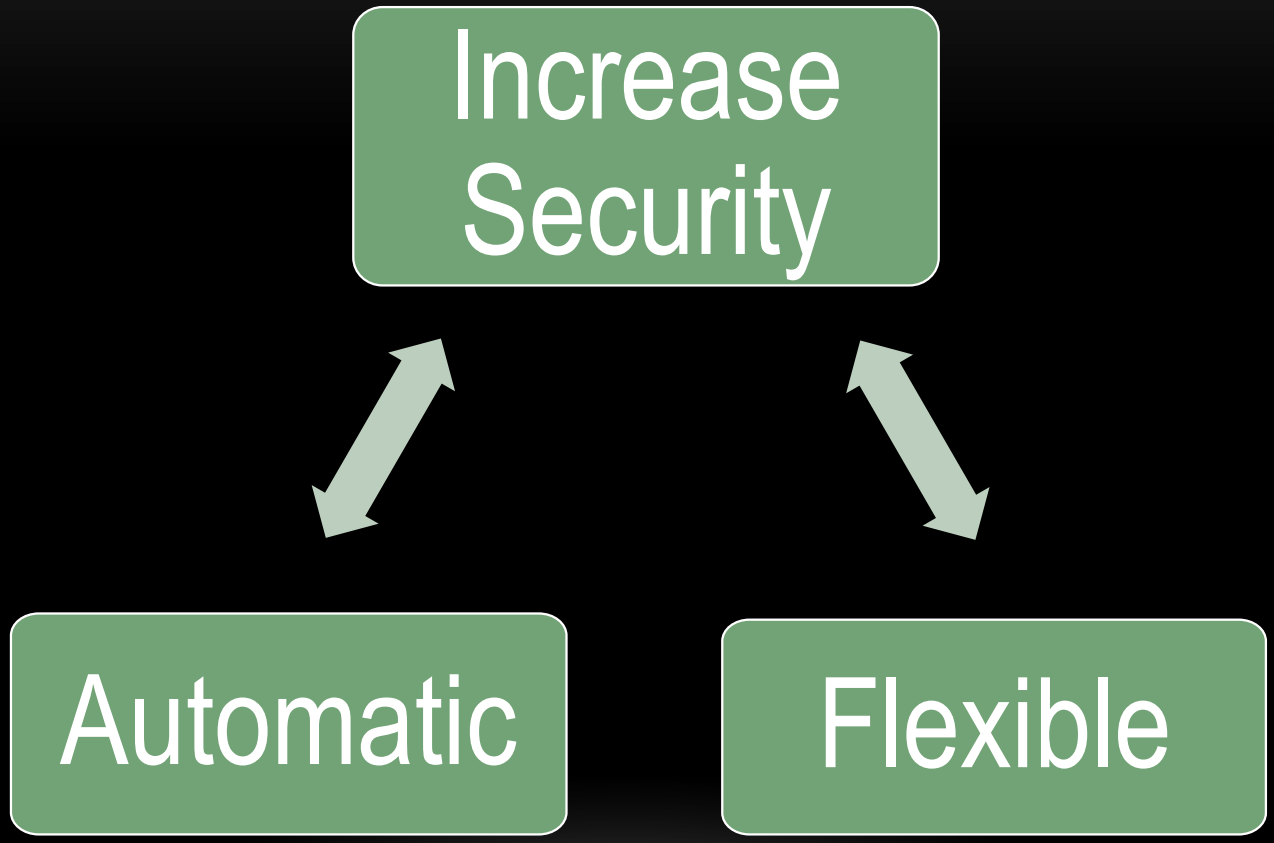
VERI-SAFE

AMBER DAVIS, SAMIA JRAB, VICTORIA PARODI, MICHAEL MCGLOIN, SEAN PERTS

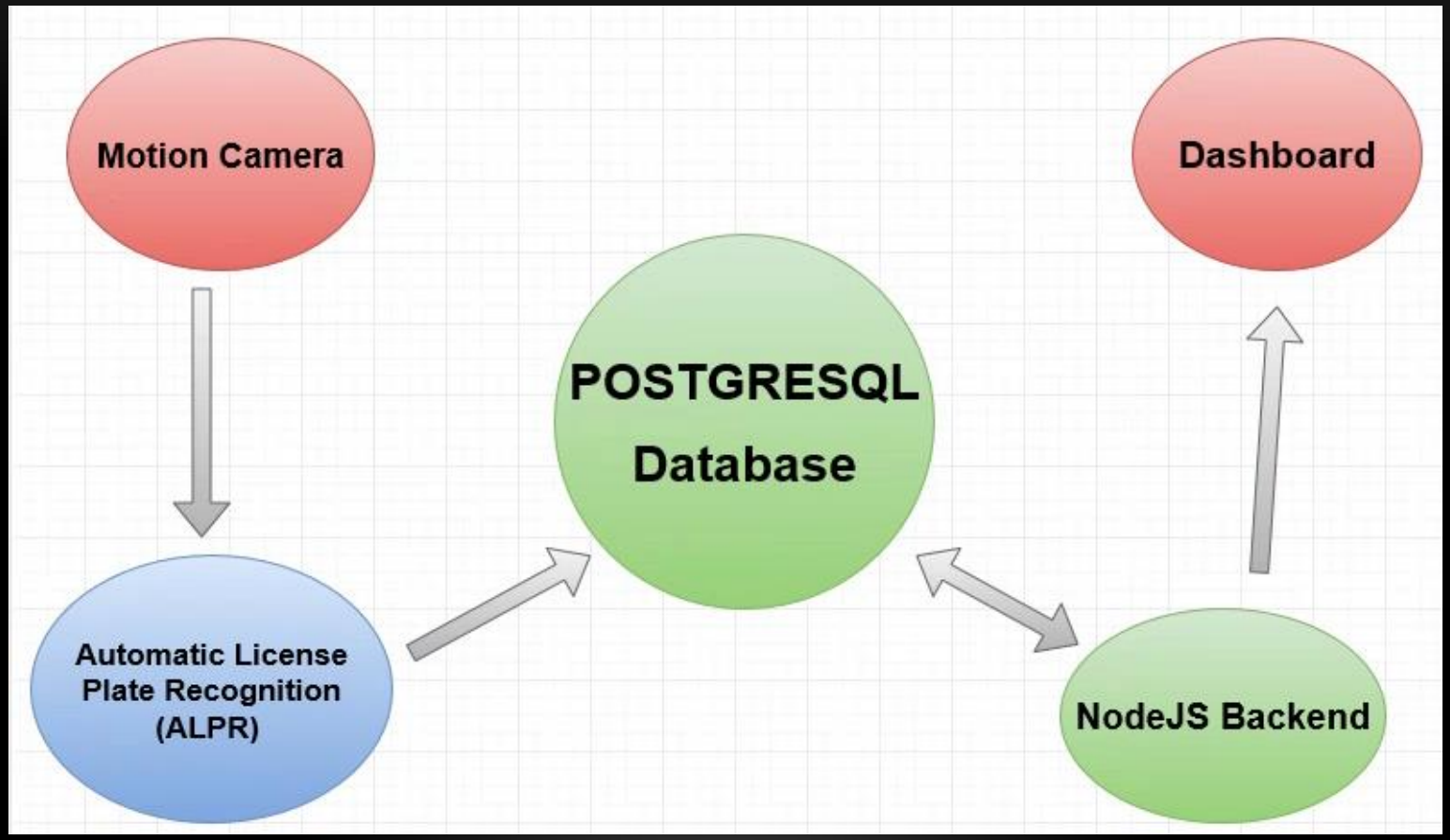
PHYSICAL SECURITY

Physical security belongs at the forefront of any security strategy. Defined as the protection of personnel, hardware, software, and data from physical threats, physical security must be implemented in order to respond to any on-site threats to the enterprise.

ENSURING PHYSICAL SECURITY : VERI-SAFE

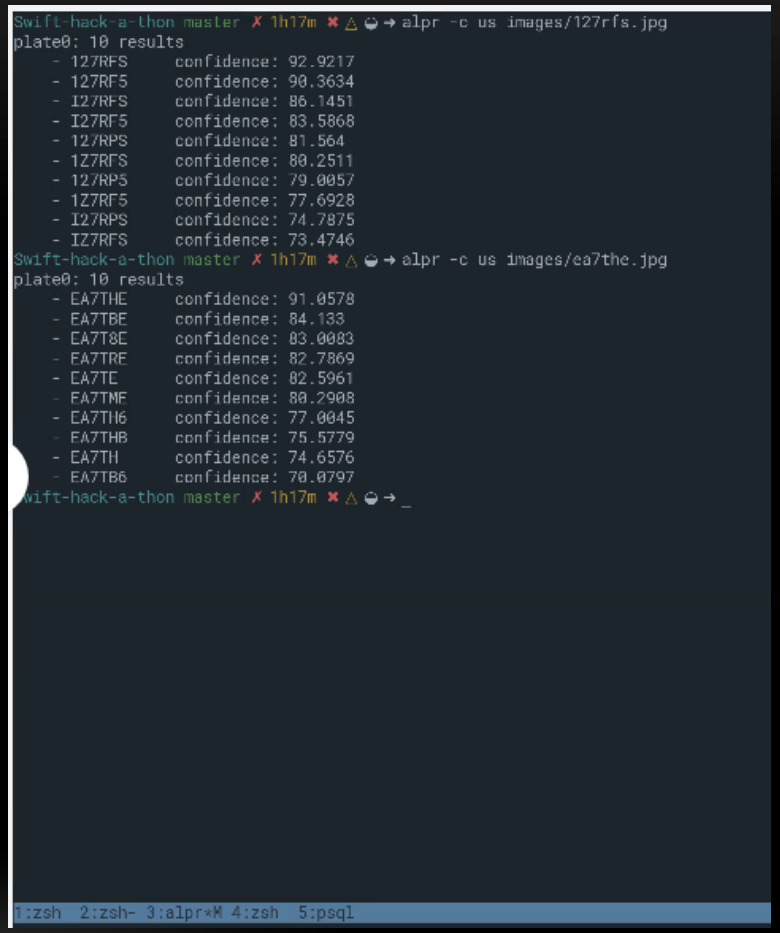


HOW DOES VERI-SAFE WORK?



DEMO

ALERT: UNKNOWN LICENSE PLATE #: DMN9681 DETECTED MORE THAN 3 TIMES
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer at sodales nisl. Donec malesuada orci ornare risus finibus feugiat.
Employee Directory
+ Add Employee
First Name
Last Name
License Plate
1 WTM-9090 2018-07-18T16:30:09.7
1 WTM-9090 2018-07-18T16:30:09.7
1 WTM-9090 2018-07-18T16:30:09.7
2 ABC-9770 2018-07-18T16:30:09.7
2 ABC-9770 2018-07-18T16:30:09.7
12 TGH-1345 2018-07-18T16:30:09.7
15 JOLP-380 2018-07-18T16:30:09.7
15 JOLP-380 2018-07-18T16:30:09.7
19 CVB-9035 2018-07-18T16:30:09.7
20 ZYE-1973 2018-07-18T16:30:09.7
20 ZYE-1973 2018-07-18T16:30:09.7
All Traffic
ID
License Plate
Timestamp
3 ILOV-C33S 2018-07-


Swift-hack-a-thon master ✗ 1h17m ✖ △ ◒ → alpr -c us images/127rfs.jpg
plate0: 10 results
- 127RFS confidence: 92.9217
- 127RF5 confidence: 90.3634
- I27RFS confidence: 86.1451
- I27RF5 confidence: 83.5868
- 127RPS confidence: 81.564
- 1Z7RFS confidence: 80.2511
- 127RP5 confidence: 79.0057
- 1Z7RF5 confidence: 77.6928
- I27RPS confidence: 74.7875
- IZ7RFS confidence: 73.4746
Swift-hack-a-thon master ✗ 1h17m ✖ △ ◒ → alpr -c us images/ea7the.jpg
plate0: 10 results
- EA7THE confidence: 91.0578
- EA7TBE confidence: 84.133
- EA7T8E confidence: 83.0083
- EA7TRE confidence: 82.7869
- EA7TE confidence: 82.5961
- EA7TMF confidence: 80.2908
- EA7TH6 confidence: 77.0045
- EA7THB confidence: 75.5779
- EA7TH confidence: 74.6576
- EA7TB6 confidence: 70.0797
wift-hack-a-thon master ✗ 1h17m ✖ △ ◒ → _
1:zsh 2:zsh- 3:alpr*M 4:zsh 5:psql

```
app.get('/All-LP', async (req,res) => {
    var all = await pool.query('select license_plate.id, plate_text, time_stamp from license_plate join activity on license_plate.id = activity.id');
    console.log(all);
    var tempJson = {id: [], plate_text: [], time_stamp: []};
    for (var i = 0; i < all.rowCount; i++) {
        tempJson.id[i] = all.rows[i].id;
        tempJson.plate_text[i] = all.rows[i].plate_text;
        tempJson.time_stamp[i] = all.rows[i].time_stamp;
    }
    res.json(tempJson);
});
```

```
drop database if exists hackathon;
create database hackathon;
\c hackathon;

create table license_plate (
    id SERIAL,
    plate_text VARCHAR(25) NOT NULL,
    PRIMARY KEY(id)
);

create table employee (
    id INTEGER REFERENCES license_plate(id),
    PRIMARY KEY(id)
);

create table other (
    id INTEGER REFERENCES liscense_plate(id),
    PRIMARY KEY(id)
);

create table activity (
    id INTEGER REFERENCES license_plate(id),
    time_stamp timestamp without time zone,
    PRIMARY KEY(id, time_stamp)
);
```

THANK YOU. QUESTIONS?