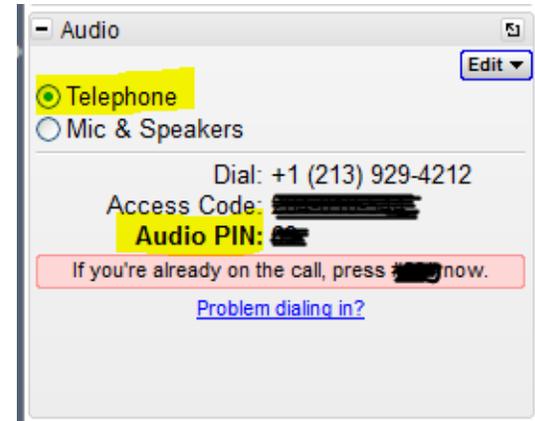
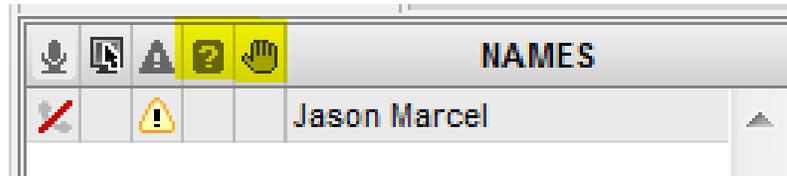


# DNR eAirPermitting Customer Workshop

- Thank you for joining the webinar
- Dial-in Instructions
  - You can listen using your computer's speakers (select Mic & Speakers)
  - OR You can call into the webinar using your telephone
    - Select Telephone
    - Dial 1 (213) 929-4212
    - Then enter the access code 804549457
    - Then enter the Audio PIN that is shown on your computer screen



- Using the dashboard
  - Raise Your Hand
  - Ask a Question



- The webinar will begin at 1:00 p.m.



# IOWA DEPARTMENT OF NATURAL RESOURCES

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LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

eAirPermitting Customer Workshop  
May 2016

# Agenda

- Introductions
- Background – 20 minutes
- Key Issues Exercise – 30 minutes
- Priority Ranking Exercise – 5 minutes
- Open Discussion – 20 minutes
- Wrap-up/Next Steps – 5 minutes

# Background

## FAQ

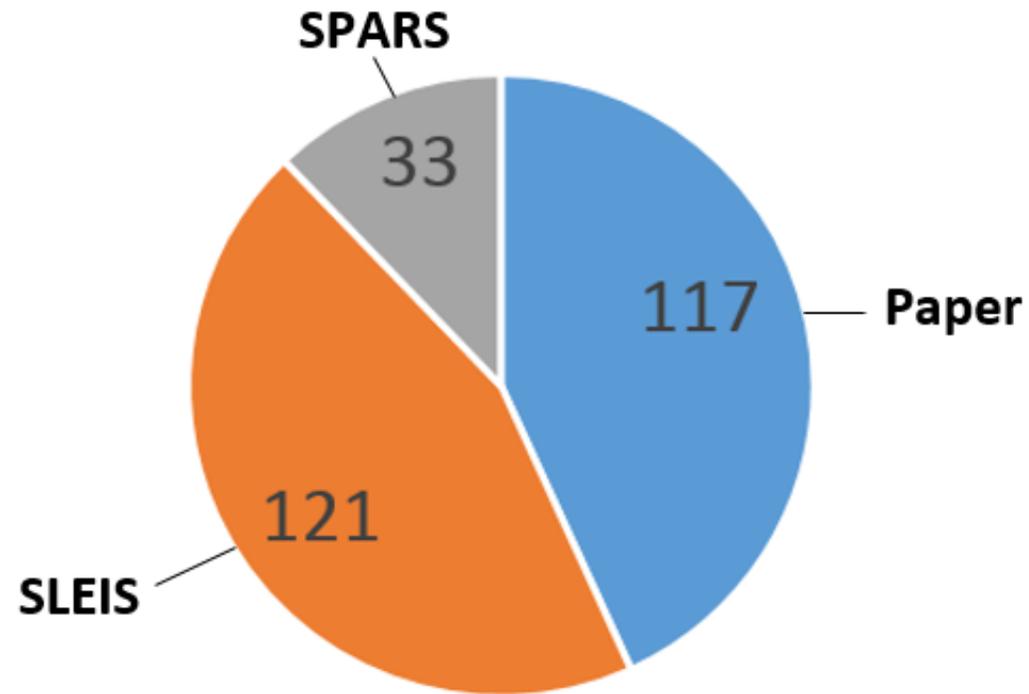
### **Question:**

Doesn't the new State & Local Emissions Inventory System (SLEIS) handle this?

### **Answer:**

No. SLEIS was created to accept electronic emission inventory reports.

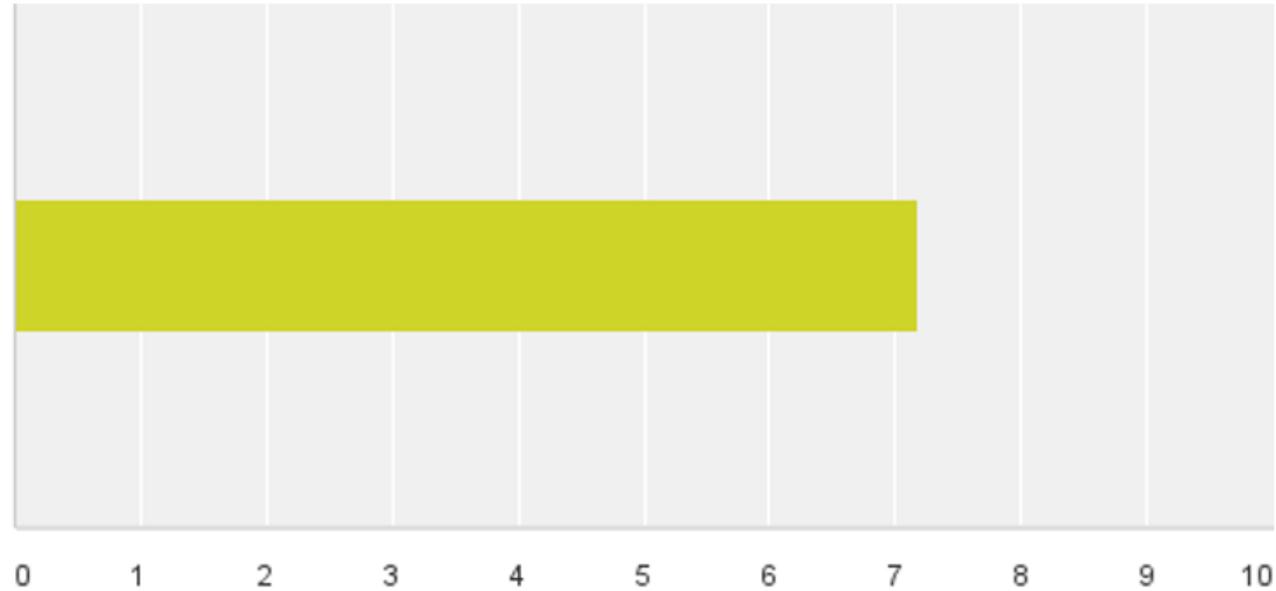
## 2016 SLEIS Metrics (so far...)



*2015 Title V Facility EIQ reporting as of 4/7/16*

## 2016 SLEIS Metrics (so far...)

On a scale of 1 to 10 how would you rank the ease of use of SLEIS?



1 Incredibly difficult to use	2	3	4	5 Moderately difficult to use	6	7	8	9	10 Incredibly easy to use	Total	Weighted Average
0.00%	0.00%	6.35%	3.17%	6.35%	6.35%	26.98%	31.75%	15.87%	3.17%	63	7.19
0	0	4	2	4	4	17	20	10	2		



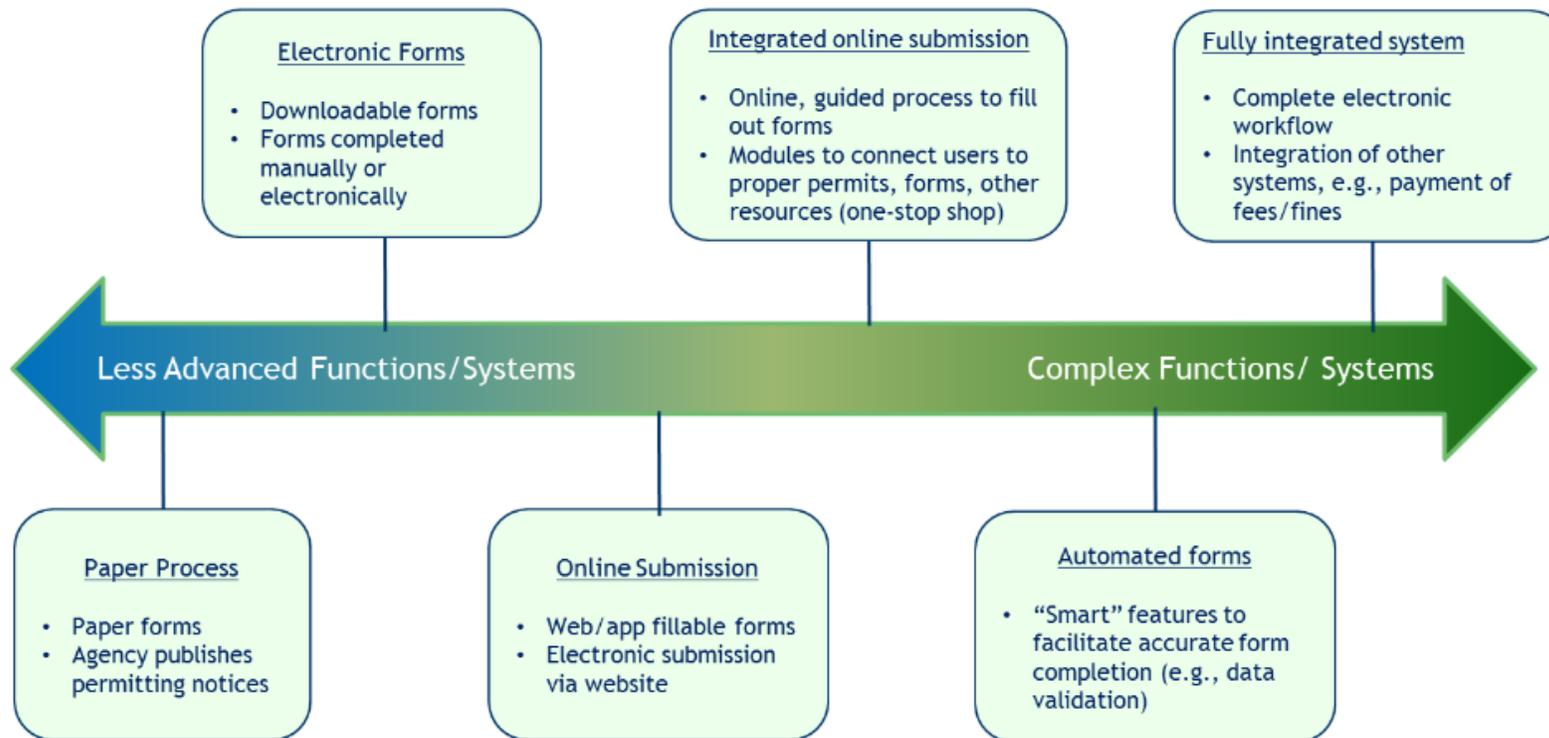
# eAirPermitting – The 5 Ws

## What is it?

- Any tool, system, or activity that facilitates the permitting process through *electronic* means
- *Efficiently, effectively, and accurately* complete permit applications
- Enable state program staff to manage *workflow*

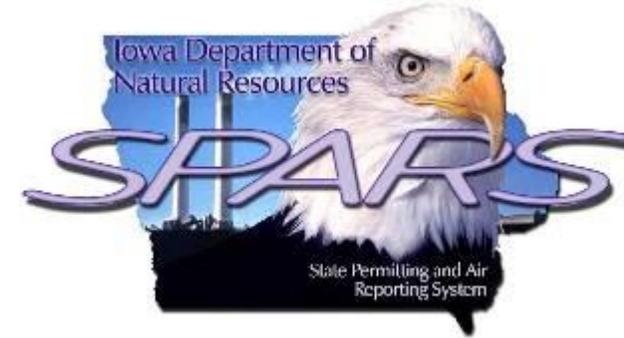


# Spectrum of Electronic Reporting Systems



Source: E-Enterprise Scoping Report, December 2015  
[www.exchangenetwork.net/ee/ePermitting\\_Report\\_12\\_31\\_15.pdf](http://www.exchangenetwork.net/ee/ePermitting_Report_12_31_15.pdf)

# What is SPARS used for?



- Online submittal of air quality permit applications & emissions inventories
- Online permit tracking
- Online permits (PDFs)
- Specialized queries for planning, modeling, information requests, etc.
- Emissions data for National Emissions Inventory
- Flows data to other DNR systems

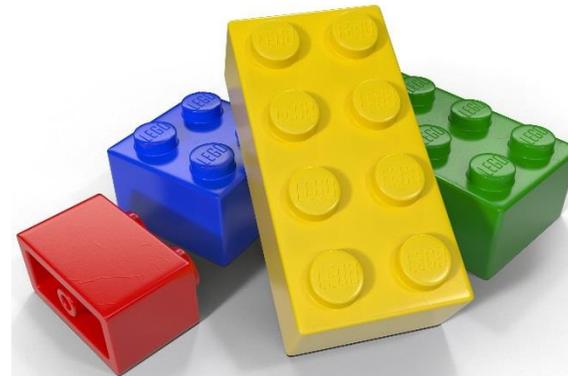
# SPARS Functions

Construction Permits	Emissions Inventory	Title V Permits	Other Data Systems
Online Reporting	Online Reporting	Online Reporting	DNR Facility Explorer ("One Stop")
Features: <ul style="list-style-type: none"> <li>• Copy from previous Application</li> <li>• Store Attachments</li> <li>• Data Download</li> </ul>	Features: <ul style="list-style-type: none"> <li>• Copy from previous Inventory</li> <li>• Save Attachments</li> <li>• Data Download</li> </ul>	Features: <ul style="list-style-type: none"> <li>• Copy from previous Application</li> <li>• Store Attachments</li> <li>• Data Download</li> </ul>	Field Office Database
Custom Data Queries	Custom Data Queries	Custom Data Queries	Stack Test Database
Project Tracking Online: <ul style="list-style-type: none"> <li>• Search Application Status</li> <li>• View Issued Permits (PDF's)</li> <li>• Public Comment Notice</li> </ul>	National Emissions Inventory (NEI)		Construction Permit Search
			<a href="#">AQWebApps</a>

SLEITS  
  
 State & Local Emissions Inventory System

# Why - Iowa's Goals

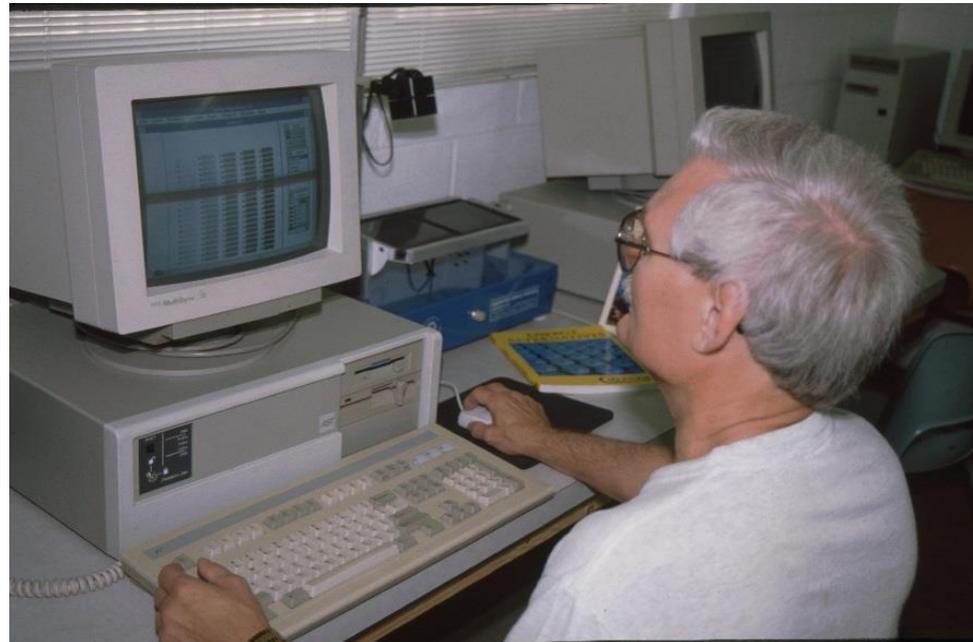
- Governor's Strategic Goal 1 – 200,000 New Jobs for Iowans
- DNR Strategic Plan Goal 1 Strategy 2 – Maintain Air Quality Standards and enhance economic growth by reducing regulatory hurdles
- DNR Strategic Plan Goal 4 Strategy 2 – Optimize systems and resources.



# Why do we need it

## SPARS is outdated

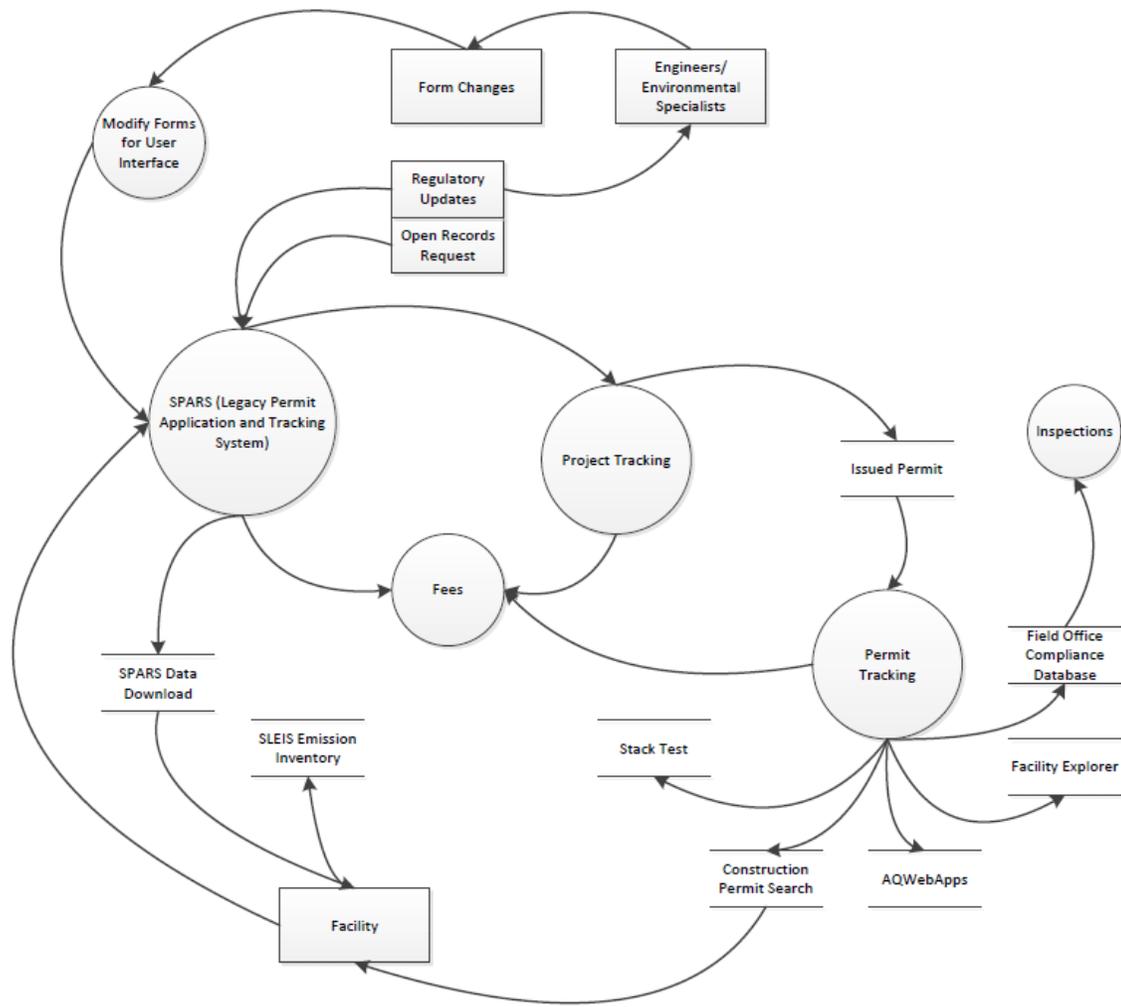
The existing system was designed for hardware from the 1990s



# Accommodate Complex Systems

- Multiple emission units in a single emission point
- One emission unit through multiple emission points
- Control equipment, monitoring equipment, etc.





# Required Components



# Federal Electronic Reporting Requirements

*“EPA’s Cross-Media Electronic Reporting Rule (CROMERR) provides the legal framework for electronic reporting under EPA’s regulatory programs. The Rule sets performance-based, technology-neutral system standards and provides a streamlined, uniform process for Agency review and approval of electronic reporting. The CROMERR program ensures the enforceability of regulatory information collected electronically by EPA and EPA’s state, tribal and local government partners.”*

- 40 CFR Part 3
- [www.epa.gov/cromerr](http://www.epa.gov/cromerr)

# CROMERR Standards

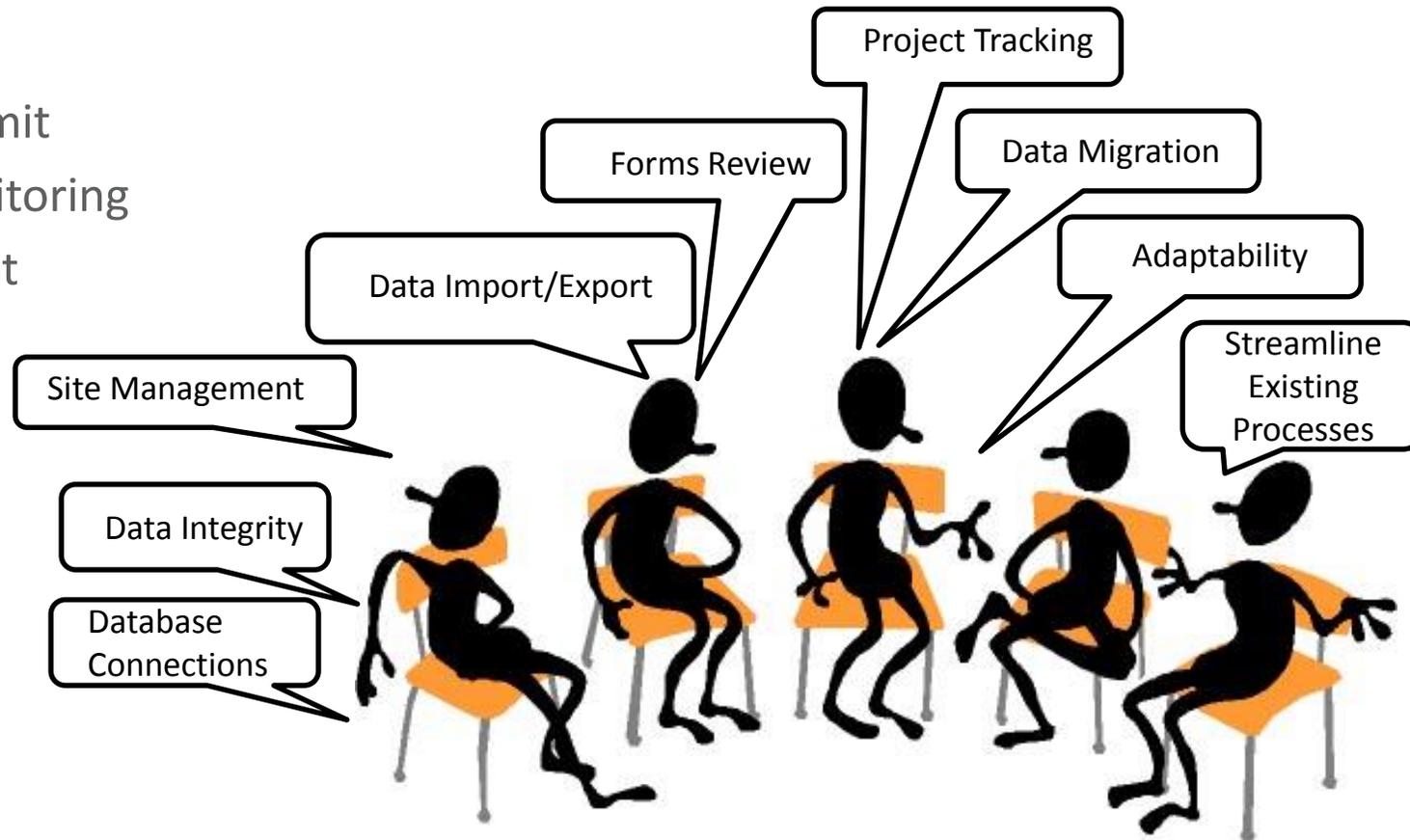
Timeliness of data generation	Binding the electronic signature to the document
Copy of record	Understanding the act of signing
Integrity of the electronic document	Electronic signature or subscriber agreement
Submission knowingly with intent and not by accident	Acknowledgement of receipt
Opportunity to review and repudiate copy of record	Determining the identity of the individual uniquely entitled to use a signature device
Validity of the electronic signature	

## Who is involved?

- **ECOS and EPA are partners in E-Enterprise for the Environment. Working together to:**
  - Streamline and modernize environmental protection
  - Leverage technology where appropriate
  - Commit to joint governance to ensure adoptability
- **Iowa DNR - Environment Services Division**
- **Office of the Chief Information Officer (OCIO)**
- **eAirServices Advisory Workgroup (YOU!)**

# Air Quality Bureau

- Emissions Inventory and Support
- Construction Permit
- Title V Operating Permit
- Compliance and Monitoring
- Program Development



# When

- Business Requirements by July 2016
- Targeted delivery Fall 2017
- The Planning phase is now – determine necessary functionality *and* desired features

## Group Discussion

How can eAirPermitting best address the needs of DNR customers?



# Priority Ranking Exercise & Discussion



## Rank Key Features

A. Ability to Import Data

B. Connected to SLEIS

C. Copy Everything from Most Recent Application

D. Ease of Getting Data Out

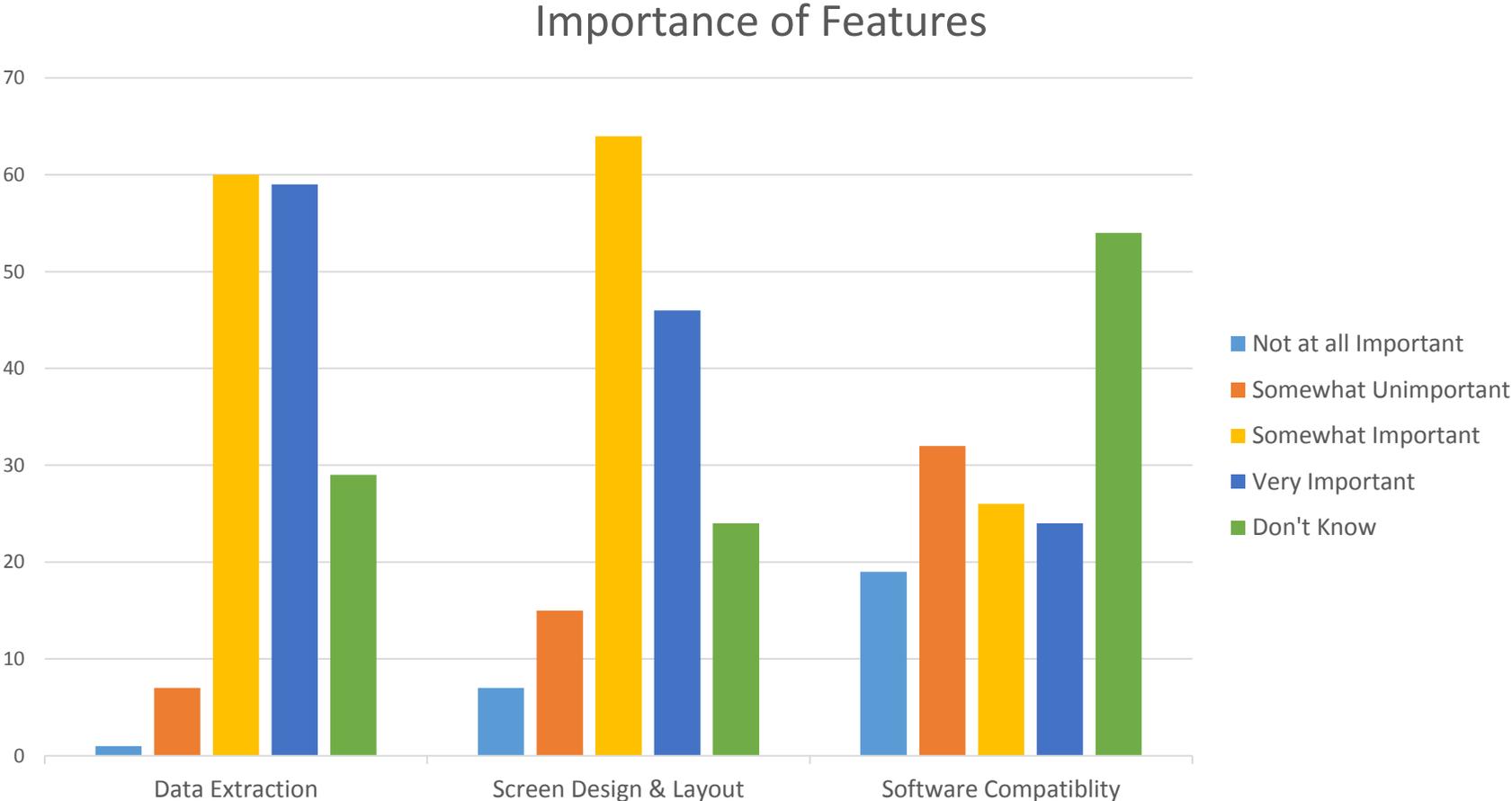
E. Help Tools for Each Field

F. Online User Interface Closely Resembles Paper Forms

G. Print Preview Closely Matches Paper Forms

<b>Rank</b>	<b>Feature</b>
1	Copy Everything from Most Recent Application
2	Connected to SLEIS
3	Ease of Getting Data Out
4	Ability to Import Data
5	Help Tools for Each Field
6	Print Preview Closely Matches Paper Forms
7	Online User Interface Closely Resembles Paper Forms

# What Customers Told Us in 2013



# What's Next



# Contacts

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515-725-9541

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Iowa DNR – Air Quality Bureau

[Jason.Marcel@dnr.iowa.gov](mailto:Jason.Marcel@dnr.iowa.gov)

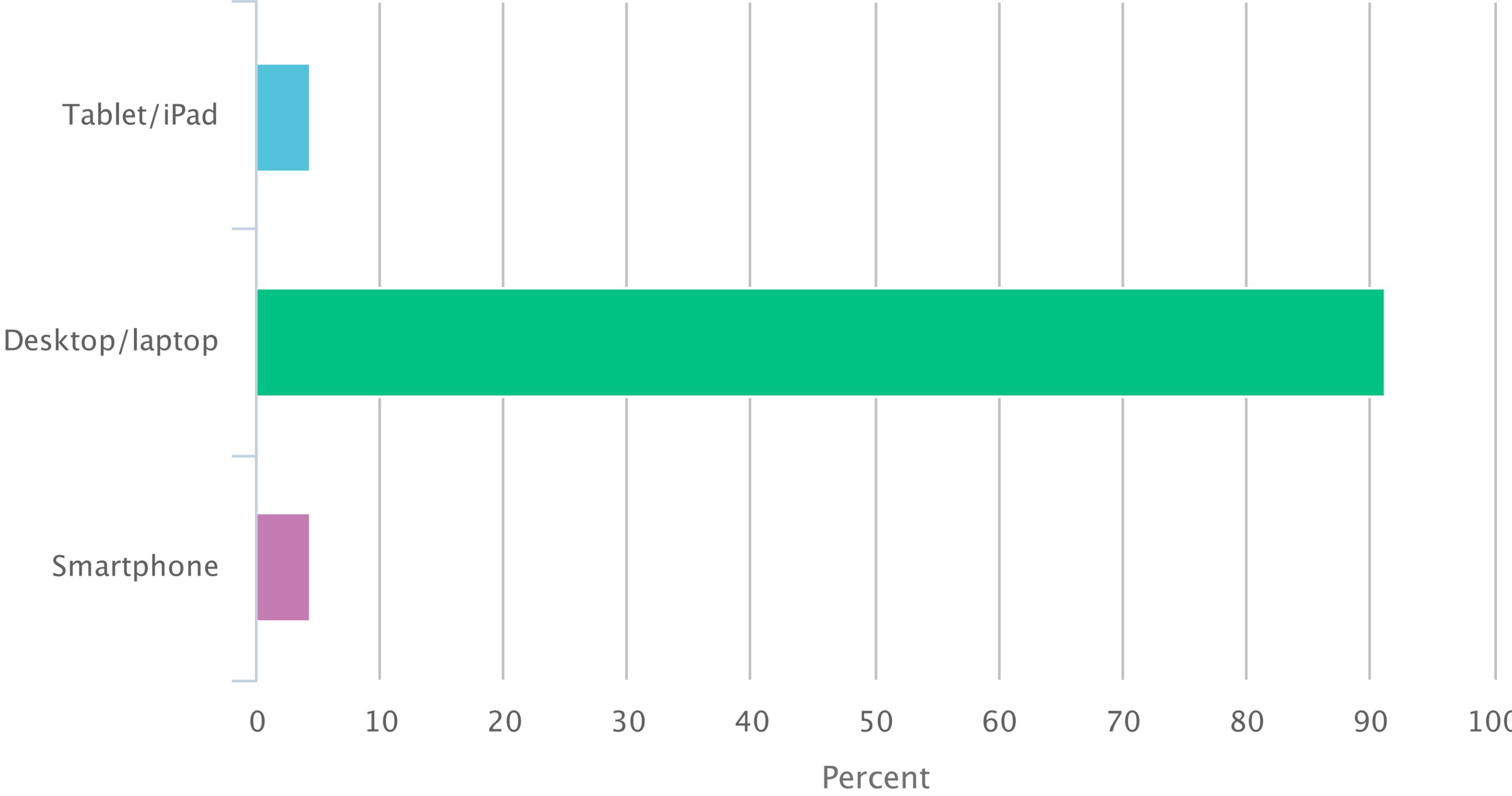
515-725-9529

*“While many factors contribute to being an agile enterprise, an organization's information systems play a major role. Unfortunately, most legacy systems prevent businesses from being more adaptable to change.”*

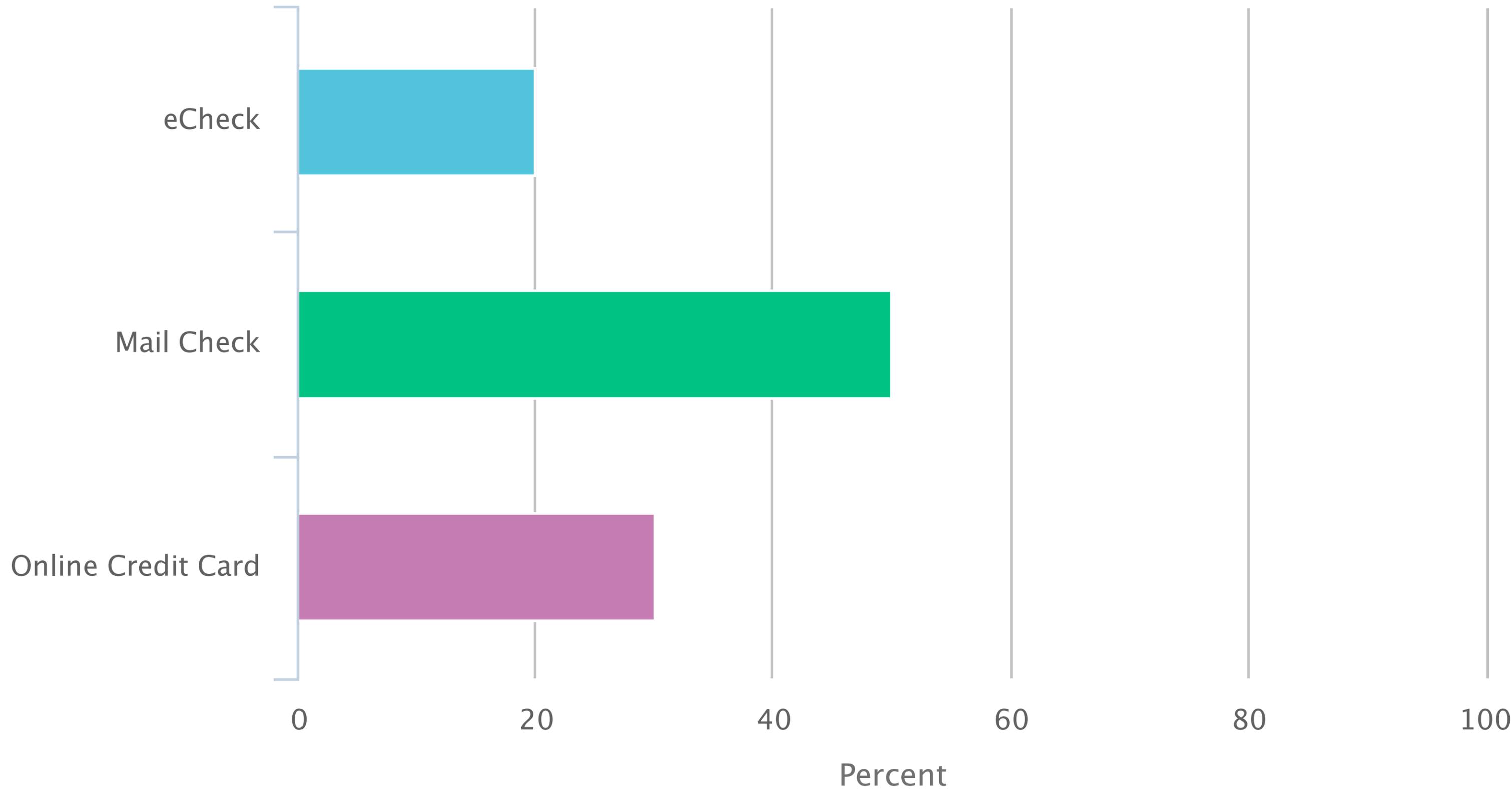
Ulrich, William M.

Legacy Systems Transformation Strategies, 2002

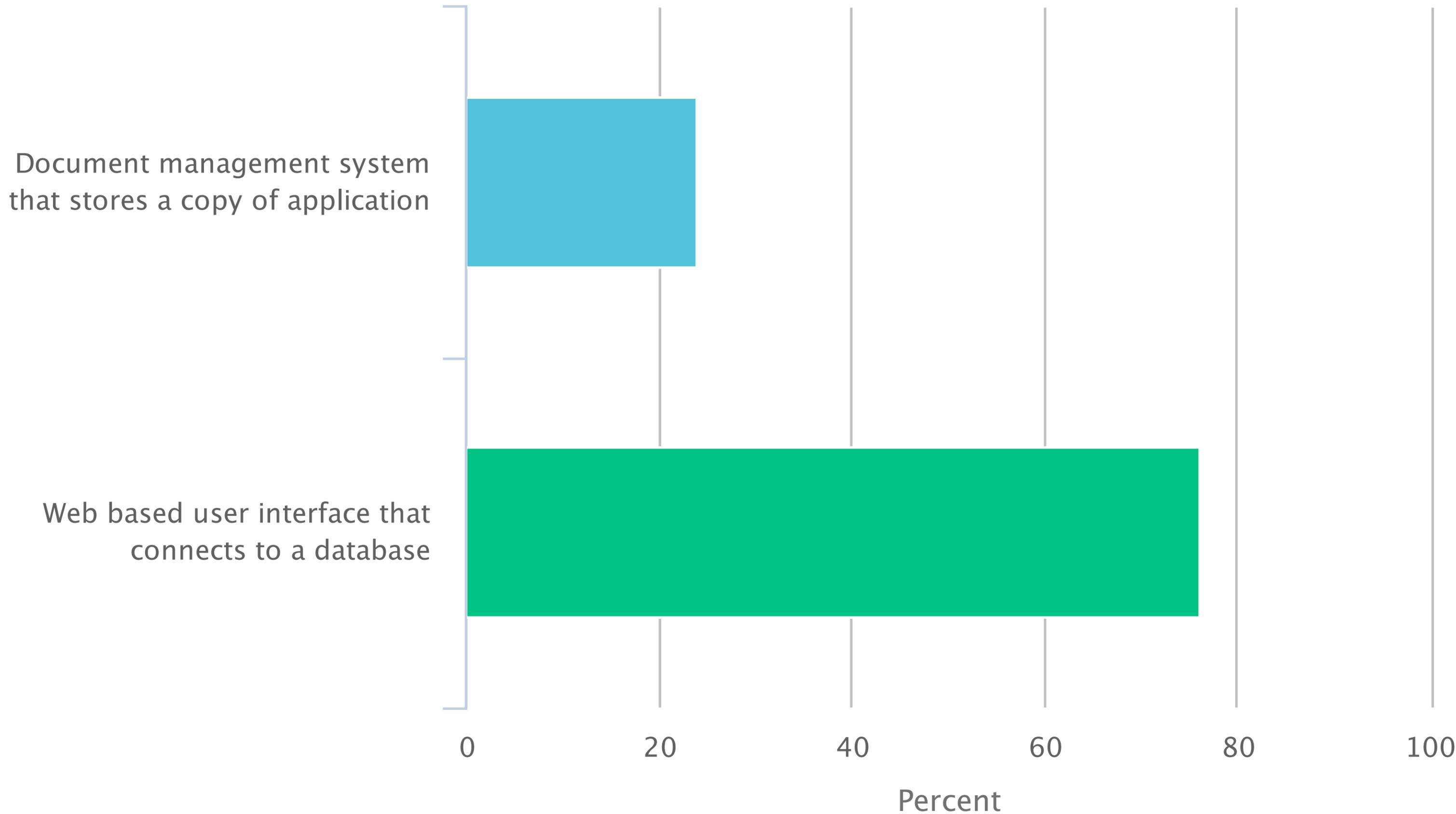
# What type of technology will you use to enter eAirPermit application?



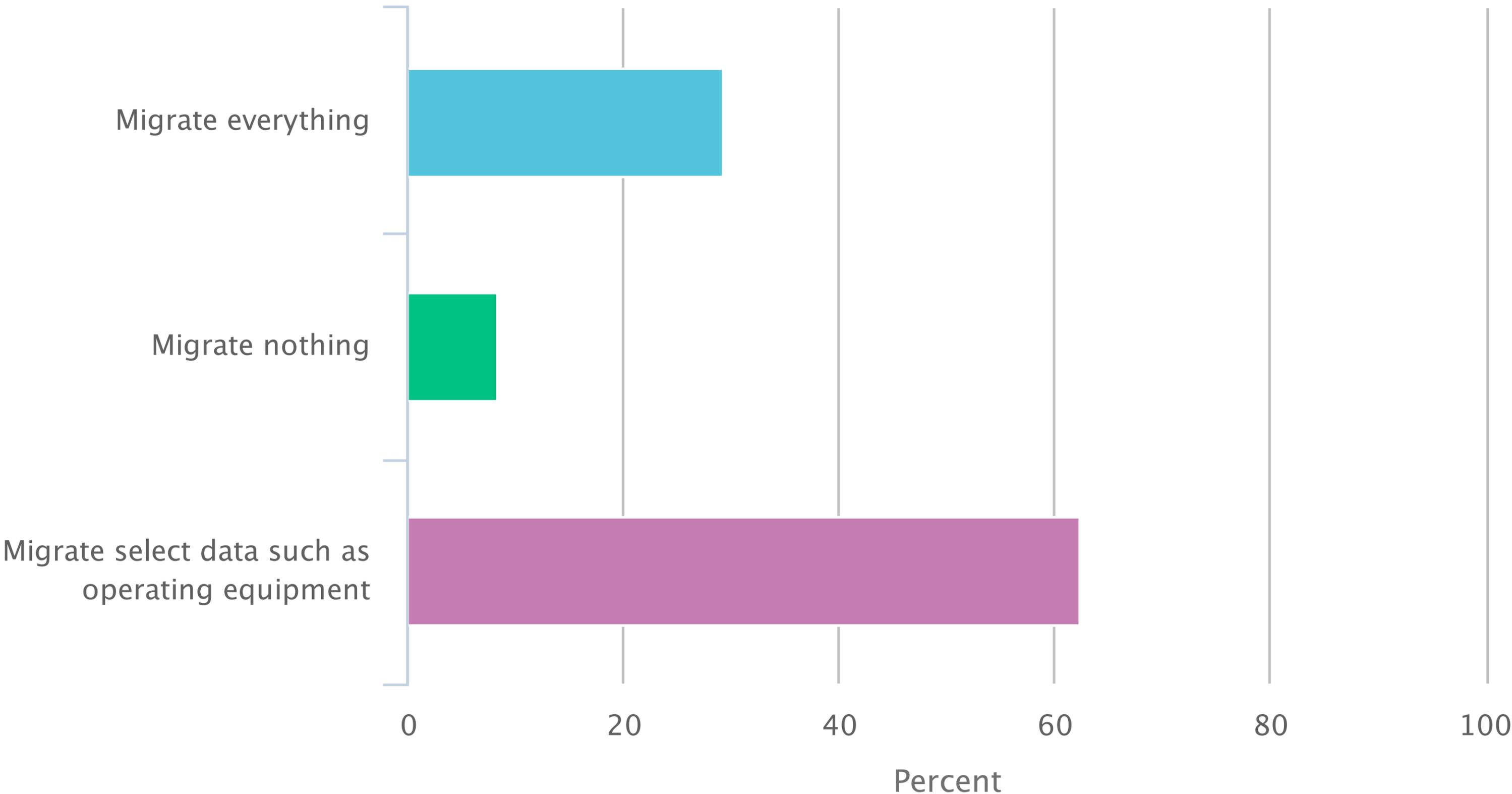
# How does your facility want to pay the permit application fee?



# What type of system works best?



# How much data should be migrated from SPARS to the new system?



# How should the new system handle Equipment IDs?

