



OpenSaaS Solutions for Government

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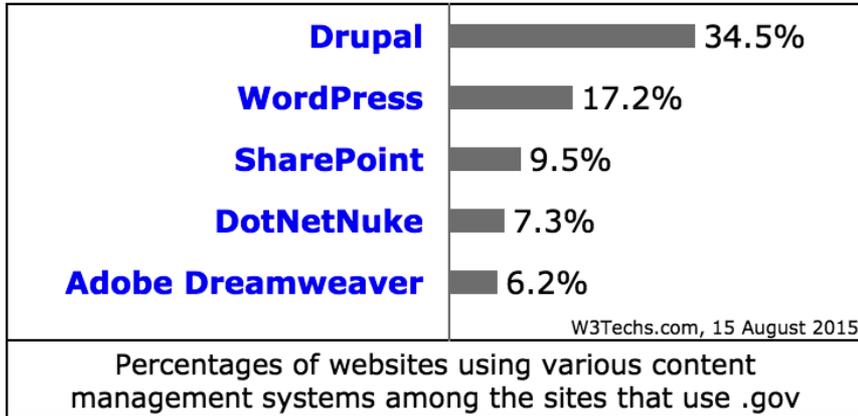
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# About NuCivic

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- Turnkey open source data management and civic engagement platforms for governments
  - Clients include World Bank, NY State, New York City, USAID, US HHS, Sierra Leone, Open Government Partnership and many more
  - We come from government: CEO, CTO, COO served together in New York Senate 2009-2011; Product Director formerly Buenos Aires eGovernment Chief of Staff
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# Drupal in Government



The screenshot shows the USAID website header with the logo and tagline 'FROM THE AMERICAN PEOPLE'. The navigation menu includes 'WHO WE ARE', 'WHAT WE DO', 'WHERE WE WORK', 'RESULTS & DATA', 'NEWS & INFORMATION', and 'WORK WITH USAID'. A 'USAID LEADERSHIP' button is also present. The main banner features a photograph of a woman and two children working in a field, with the text 'FEED THE FUTURE' overlaid. Below the banner, there are three columns of text: 'JOIN' (Find out about career opportunities at USAID), 'ACT' (Learn how you can get involved and lend a hand.), and 'PARTNER' (Find business and funding opportunities.). At the bottom, there are 'COMMENT' (Make a general inquiry or suggest an improvement.) and 'CONNECT' (social media icons) sections, along with a 'SEARCH' bar and a 'GO' button.

# DKAN: Data Management in Drupal

**Feature Complete Data Platform:** data publishing workflow, data store, API, data visualization

**Open Standards Compliant:** fully compliant w/ DCAT & US PoD

**Holistic Information Management:** manage content, documents, community as well as data with full power of a CMS

**Massive Scale Open Source:** fully native Drupal platform = 100,000s of engineers, 10,000s of extensions, & 100s of companies

The screenshot displays the DKAN web interface for a dataset titled "District Names" in Afghanistan. The page features a map with numerous blue location pins. A tooltip for a specific pin shows the following data: lon: 66.34, lat: 32.38, Unit\_Type: District, Dist\_Name: Myranshin, Prov\_Name: Kandahar, Dari\_Dist: مین شین, Dari\_Prov: کندهار, Dist\_ID: 3313, and Prov\_ID: 33. The interface includes a search bar, a "Go" button, and a "Filters" section with an "Add filter" button. The "Fields" section lists various data fields such as lon string, lat string, Unit\_Type string, Dist\_Name string, Prov\_Name string, Dari\_Dist string, Dari\_Prov string, Dist\_ID string, and Prov\_ID string. The page also includes a "Format" section with "csv" and "Data Explorer Examples" options, and a "printer-friendly version" link at the bottom.

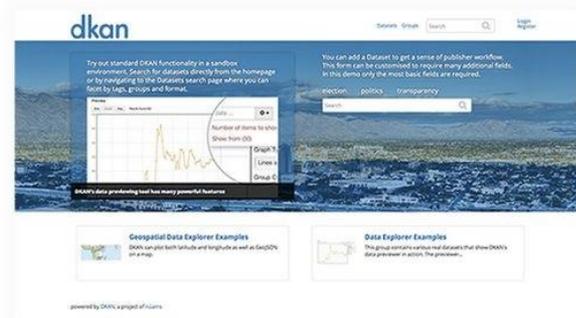
# DKAN Benefits

- Open Source Drupal (PHP) “distribution” (free for anyone to download and use)
- Manage data, documents, content, & community w/ single stack
- Highly extensible (e.g.: address internal data management use cases)
- De facto global support network

## DKAN

[View](#) [Edit](#) [Version control](#) [Revisions](#)

Posted by acouch on October 2, 2012 at 7:21pm



### Development and issue management moved to Github

- This installation profile is mirrored here from [github.com/nuams/dkan](https://github.com/nuams/dkan)
- We are taking issues at the [dkan issue thread](#) at github. We have a **dkan distro** label in place for you to tag issues for this installation profile

### What is DKAN?

DKAN is a Drupal-based open data platform with a full suite of cataloging, publishing and visualization features that allows governments, nonprofits and universities to easily publish data to the public. DKAN is maintained by Nuams.

### Maintainers for DKAN

[jday](#) – 29 commits  
last: 1 month ago, first: 3 months ago

[acouch](#) – 309 commits  
last: 1 month ago, first: 1 year ago

[drkloc](#) – 10 commits  
last: 1 month ago, first: 4 months ago

[JimCraner](#) – 1 commit  
last: 4 months ago, first: 4 months ago

[topicus](#) – 1 commit  
last: 1 year ago, first: 1 year ago

[View all committers](#)  
[View commits](#)

### Resources

[Home page](#)  
[Read documentation](#)  
[Read license](#)  
[Try out a demonstration](#)

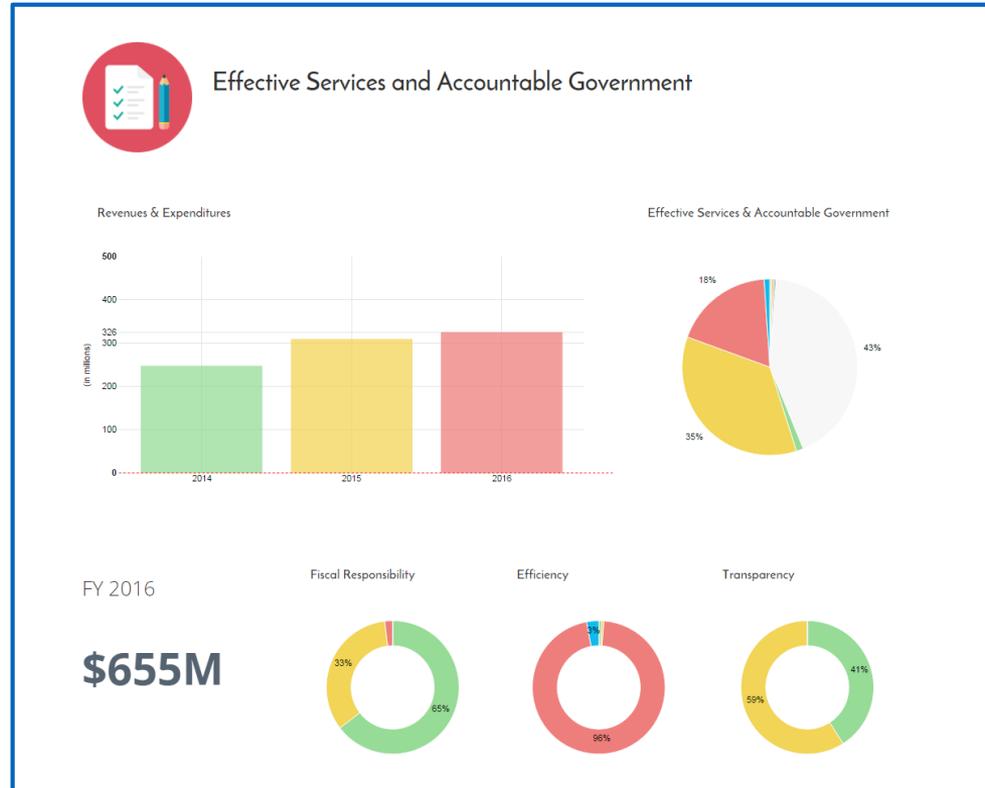
### Development

[View pending patches](#)  
[Repository viewer](#)  
[View commits](#)  
[Report a security issue](#)  
[View change records](#)

# DKAN Features: Charts



# DKAN Features: Dashboards



# DKAN Features: Workflow

The screenshot displays the Supervisor Dashboard for New York City. The top navigation bar includes links for Supervisor Dashboard, Medical Dashboard, Coordinator Dashboard, Content, Structure, Appearance, People, Modules, Configuration, Reports, and Help. The user is logged in as 'Hello admin' with a 'Log out' option. The dashboard features the New York City logo and the 'SUPERVISOR' branding. Below the navigation, there are buttons for '+ New City Application' and '+ New State Application'. A search and filter section includes dropdowns for 'Type' (set to '- Any -') and 'State' (set to '- Any -'), along with input fields for 'Zipcode', 'First Name', 'Last Name', and 'SSN'. The main content area contains a table of application records with columns for App ID, Type, User, Last Name, First Submitted, Updated, State, Coordinator, Medical Reviewer, and History. Each record includes a 'View moderation history' button.

App ID	Type	User	Last Name	First Submitted	Updated	State	Coordinator	Medical Reviewer	History
31	City	admin	Brenner	08/12/2015 - 14:50	08/12/2015 - 14:50	Pending Review			<a href="#">View moderation history</a>
17	City	topicus	dasdas	01/23/2015 - 00:18	01/23/2015 - 00:18	Initial Review			<a href="#">View moderation history</a>
15	City	topicus	dasdas	01/22/2015 - 23:26	02/21/2015 - 02:10	Medical Review	dotcoord1		<a href="#">View moderation history</a>
30	City	ahoppin	Hoppin	02/11/2015 - 13:25	02/11/2015 - 13:43	Approved: Sent	dotcoord1	dohreviewer	<a href="#">View moderation history</a>

# OpenSaaS Definition

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## Open Source

- Option of free download / use
- Freedom to self-host anywhere
- No vendor lock-in
- Unlimited seat licenses
- Rapid product innovation from large developer community



## SaaS

- Option of paying for managed / hosted solution
- Enterprise level support option
- No need for in-house technology skills
- Fast time to launch

## Benefits for Public Sector:

- Enables Agility
- Mitigates vendor risk
- Fosters GovOps innovation
- Engages Constituents
- Drives entrepreneurship/jobs

# NuCivic Data “OpenSaaS”

- 100% Open Source DKAN
- Turnkey 24/7 Support w/ SLA from NuCivic/GovDelivery
- Enterprise Hosting w/ SLA
- Product Upgrades leverage ongoing innovation
- Government Grade Support SLA, security, & data standards compliance
- Flat Annual Cost for Customers

The screenshot shows the NuCivic website's 'Features' section. The header includes the NuCivic logo and navigation links: 'Get started', 'About', 'Solutions', 'Guides', 'Partners', and 'Contact'. The features are presented in a 4x4 grid of white icons on a blue background, each with a descriptive text label below it.

Icon	Feature Description
Checkmark in a circle	U.S. Project Open Data approved
Star	Data.gov compatible
Box	Out-of-the-box ready
Lightbulb	Design, theming tools
Tree diagram	Data management system
Tag	Metadata, tags, categorization
Two people	User permissions/controls
Thumbs up	Engagement, social sharing
Bar chart	Charts, graphs
Location pin	GIS, maps
Pen in a box	Integrated CMS, blogs
Screen with graph	Data stories
Wrench and screwdriver	Full code access
Gears	Self/third-party development
Cloud	Cloud-ready
Plus sign in a circle	+ more

# DKAN Adoption Worldwide

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DKAN used by local and national governments worldwide including:

- White House
- United Nations
- US HHS
- USAID
- USDA
- National Democratic Institute
- Cologne, Germany
- Ukraine
- Russia
- Italy
- Sierra Leone



**USAID**  
FROM THE AMERICAN PEOPLE

data.openoakland



STADT.  
CITY.  
VILLE.  
**BONN.**

[OFFENE DATEN:**BONN**]



Stadt Köln

[OFFENE DATEN:**KÖLN**]





# Open Data Sierra Leone

[Datasets](#) [Groups](#) [Stories](#) [About](#)

[Log In](#) [Register](#)

The Open Data Registry of Sierra Leone allows the public to view and comment on national data shared by the government.

You can search for and explore current datasets, as well as create visualizations.



**Agriculture**



**Demography**



**Diaspora**



**Ebola**



**Education**



**Energy and  
Water  
Resources**



**Finance and  
Economic**



**Foreign Aid**



**Health**



**Lands and  
Environment**



**Laws and  
Policies**



**Mining and  
Natural**



This site is dedicated to making high value health data more accessible to entrepreneurs, researchers, and policy makers in the hopes of better health outcomes for all.

[Learn More](#)

## Search Data

[View all Datasets](#)

### Administration for Children and Families

The Administration for Children and Families (ACF) is a division of the Department of Health & Human...



### Administration for Community Living

ACL brings together the efforts and achievements of the Administration on Aging, the Administration on...

# Welcome to Ag Data Commons Beta

A place to discover agricultural research data and tools

## Topics

-  Agricultural Products
-  Agroecosystems & Environment
-  Animals & Livestock
-  Bioenergy
-  Food & Nutrition
-  Genomics & Genetics
-  Maps & Multimedia

## Highlighted Datasets



Nutrient and herbicide concentrations, loads, and daily discharge data for caves in the Goodwater Creek Experimental Watershed, a Long-Term Agroecosystem Research Site in the Central Mississippi River Basin



Scientists are using the Blue Berry Genomics Database (BBGD) to investigate which genes are involved in acclimation to cold in blueberries.





# Портал открытых данных Российской Федерации

Поиск информации

по сайту

по наборам



Количество наборов открытых данных на портале: **2760**

[Добавить набор данных >](#)

Темы [Проекты на открытых данных](#)

 1503 <b>Государство</b>	 388 <b>Образование</b>	 266 <b>Экономика</b>	 170 <b>Здоровье</b>	 102 <b>Культура</b>
 84	 74	 58	 30	 30

Які дані ви шукаєте?

Шукати



Безпека



Держава



Екологія



**dati.gov.it**

I dati aperti della Pubblica Amministrazione

Dati

Focus

Fare Open Data

Notizie

Documenti

Info

Cerca nei dataset

CERCA

## Il portale nazionale dei dati aperti della PA

Nuova organizzazione dei dataset

← Navigazione semplificata

Focus e approfondimenti  
sulle politiche.opendata



# dati.gov.it

In continuo aggiornamento.

**10 332 dataset prodotti da 76 amministrazioni tra cui Dati Geografici e 695 Dati Statistici.**

La visualizzazione interattiva sottostante consente di navigare i dataset del catalogo nazionale per territorio e tema.

Dati.gov.it

Comunali (629)

Regionali (513)

Nazionali (345)

# Okay, let's talk about open data

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- The past
  - The last mile (the future)
  - How can you get in on that action?
-

# Standard open data – the past

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- Open data for accountability
  - Citizen Engagement (apps)
  - Digital Transformation - *Using data-driven technology to improve services lives*
-

# We're already in the future

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- We actually knew this all along
  - Phone app vs spreadsheet
  - Text message reminders
  - Restaurant inspection data
-

Okay, so how?

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Take a look at the data and ask,

why do people care?

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So then, no portals Sid? (feel free to scratch your head)

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Portals for users, with a purpose

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Ah, that sounds better.... (stop scratching your head)

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Technology, for people, to help make their  
lives better.

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# Enough theory! Tell me how??

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- MVP, MVP, MVP
  - Everything embeddable
  - Defuse your data strategy
  - And my favorite...(drum roll please)
-

# User story

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As a <citizen segment>, I would  
like to <goal> so that <benefit>

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# Inventory your users – user stories

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As a single mother, I would like to have access to high quality childcare so that I can work a good job and provide for my family.

As a homeowner, I would like to find ways to protect my home from burning so that it doesn't burn down and I become homeless.

As a high school student, I would like to know what job opportunities exist after I graduate so that I can maximize my income after graduation.

As a pet owner, I would like to know what vaccinations are required and suggested so that I can keep my pet safe and healthy.

As a commuter, I would like to know if there are any accidents on my route so that I can properly adjust and not be late for work.

As a child, I would like to be safe when I am playing at the park so that I stay healthy and uninjured.

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# User story – data points

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## Real World User Story

As a single mother, I would like to have access to high quality childcare so that I can work a good job and provide for my family.

We measure:

- Proximity to high quality child care
- Facility Ratings

We could report:

- Child care facilities with ratings (map)
  - Alerts about quality changes to facilities
  - Change in quality over time
-



Access to  
high quality  
childcare

Increase  
quality of  
childcare

90% at A+  
Childcare facilities

Increase  
number of  
options

1:20 ratio  
Facilities to households



Improve fire protection

Improve access to fire services

1.3 Mile

Avg. station distance

Reduce household fire risk

95%

Homes with Fire Suppression

# Agile data, aka perfection

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Build the perfect experience, with one user in mind

- ✓ Your mayor
  - ✓ A single parent
  - ✓ Auto dealer owner
  - ✓ Homeowner
  - ✓ Daily transit commuter
  - ✓ Garage sale addict
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# Contact

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Sid Burgess, Senior Open Data Consultant

[sid@nucivic.com](mailto:sid@nucivic.com)

[206-317-4606](tel:206-317-4606)

[@sidburgess](https://www.instagram.com/sidburgess)

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