

# INVENTION DISCLOSURE

## 1. Invention Title.

### Embeddable web forms application engine

## 2. Invention Summary.

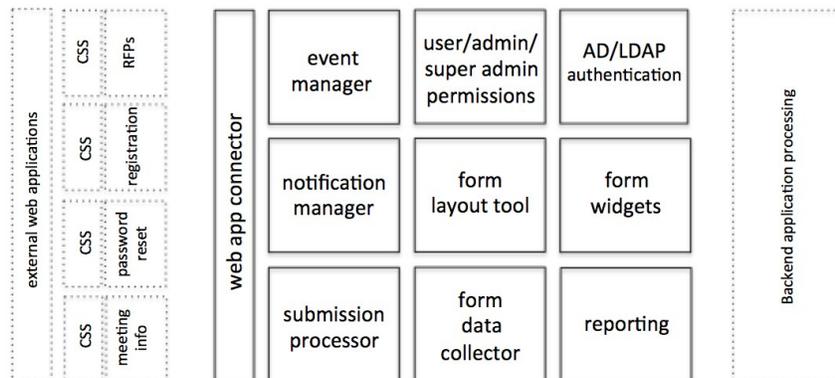
A reusable, multiuser web-forms application engine (standalone or embedded) and reporting system designed to collect and update user supplied data for scheduled and unscheduled events including RFPs, provisioning, and event registrations.

## 3. Invention Description.

The reusable web-forms application engine acts as a subsystem to one or more external web applications or functions as a standalone app. The web-forms engine handles event scheduling, form display, layout, submission, data collection and reporting, and tracks which external apps utilize which forms. Look and feel of each form is managed by the CSS styling of each web app incorporating the web-forms engine, or an individual CSS when the web-forms app is utilized standalone.

The permissions layer, which integrates and authenticates with LDAP/Active Directory, manages access to form layout, submission, notification and data collected. Admins see only the forms they create. Edit permissions can be extended to additional admin(s). End users can submit forms as authenticated or unauthenticated users. When authenticated, users can save form data for later editing and submission.

The notifications processing sends confirmation to the submitter and admin(s) when forms are submitted, and provides for the ability to customize the email message sent.



## Screenshots

# INVENTION DISCLOSURE

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## Form Administration

[Log out](#)

02/22/2013 - **Notice!** - Changes have been made to form permissions. Now, when you create a new form, only you have access to that form. A permissions tab has been added to the form editor. If you need to give someone permission to edit forms or view reports, please perform these actions in the "permissions" tab.

You are logged in as a super administrator which gives you the ability to handle all forms.

[Click here to manage your forms](#)  
[Click here to add administrators.](#)

In order to edit a form, click the name of the form. To preview a form, click the "preview" link next to the form. To review forms, click the "review" link that corresponds with the form you want to review.

Current forms	Closed forms
<p>* Conflict Mineral RFI Part 1 and 2 (Preview)</p> <p>Disable Registration Make Invisible to Public</p> <p>Copy Delete Review</p>	<p>CableLabs DOCSIS 31 Face to Face Meeting</p> <p>Copy Delete Review</p>
<p>CableLabs 2013 Summer Conference Registration - Complimentary (Preview)</p> <p>Disable Registration Make Invisible to Public</p> <p>Copy Delete Review</p>	<p>CableLabs EPoC System Spec Face to Face Meeting</p> <p>Copy Delete Review</p>
<p>CableLabs IPv6 Interop Event (Preview)</p> <p>Disable Registration Make Invisible to Public</p> <p>Copy Delete Review</p>	<p>CableLabs IPv6 Interop Event</p> <p>Copy Delete Review</p>
	<p>CableLabs OCHN and CVP-2 F2F Meetings</p> <p>Copy Delete Review</p>

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## Form Administration

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[Form Information](#) | [Form Design](#) | [Form Permissions](#)

<p>Form name: <input type="text" value="Energy Gateway Face-"/></p> <p>Close registration date (mm/dd/yyyy): <input type="text" value="03/29/2013"/></p> <p>Enable registration: <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Visible to public: <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>URL where form will exist: <input type="text" value="undefined"/></p> <p><input type="button" value="Iframe code"/></p>	<p><input type="button" value="Add Email Address for Notifications"/></p> <p><input type="text" value="p.sesock@cablelabs.com"/></p>
<p><b>Email to send users when form is accepted.</b></p> <p>Thank you for registering.</p>	<p><b>Email to send users when form is incomplete.</b></p> <p>undefined</p>
<p><b>Message shown when a form is not visible.</b></p>	<p><b>Message shown when registration is not enabled.</b></p>
<p><input type="button" value="Save"/> <input type="button" value="Done"/></p>	

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Form Administration [Log out](#)

Form Information Form Design **Form Permissions**

### Users

These users are allowed to administer this form.

	Edit Form	View Reports
		<input type="checkbox"/> No restrictions
<input type="text" value="jakirby"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="khiatt"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="ewinters"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="ttindall"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="mashley"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="psesock"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="bthao"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="jadamczyk"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="jcernazanu"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Form Administration [Log out](#)

Form Information **Form Design** Form Permissions

**Form Box Tool** Text inside a container Remove

Label

Text inside a container

- Text inside a container
- Static Text
- Section
- Text Field
- Text Area
- Checkboxes
- Radio
- Select List
- Upload File

Static Text

Label

**B** *I* U | Font Family  Font S

Energy Gateway Face-to-Face

Path: h3

Remove

**B** *I* U | Font Family  Font S

Venue

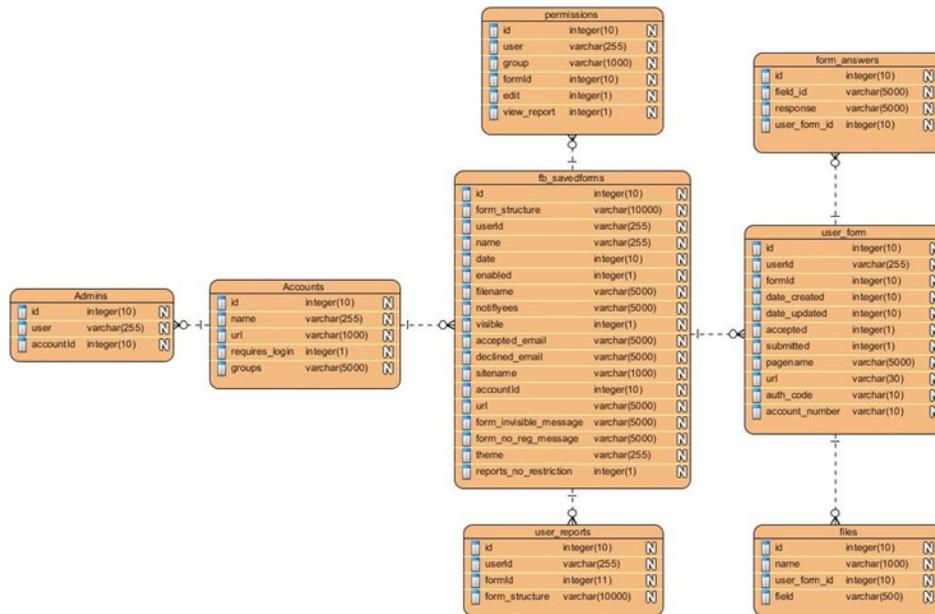
CableLabs  
858 Coal Creek Circle  
Louisville, CO 80027

Path: h3

# INVENTION DISCLOSURE

Form Administration				
<a href="#">Log out</a>				
CableLabs OCHN and CVP-2 F2F Meetings				
< Status >	< first_name >	< last_name >	< company_name >	< e-mail_address >
Pending	Paula	Sesock	CableLabs	p.sesock@cablelabs.com
Pending	Edie	Winters	CableLabs	e.winters
Pending	Paula	Sesock	CableLabs	p.sesock@cablelabs.com

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Multiple web sites and web applications required the ability to present web-based forms, collect the data received through forms, coordinate the collection of the data around an event such as a meeting or conference, and provide an online reporting capability to display the collected form data.

The web-forms application engine can be utilized across multiple web applications, in place for creating the same replicated form functionality in each application.

**Briefly outline the potential commercial value and customers of the invention.**

## INVENTION DISCLOSURE

Service providers, such as cable companies, increasingly must provide online web sites, portals, and applications as a vital means of interfacing with the customer and other stakeholders. The web-forms application engine provides a reusable form capability that can be reused across multiple web sites and applications.

4. **How is this invention different from existing products, processes, systems?**

Other types of forms-based web applications exist for online surveys, form layout and submission, each having their own individually created forms logic and capability. The web-forms application engine is a “create once – use many” forms capability that can be reused across multiple disparate web applications.