Automation of Validating Professional and Vocational Licenses

Purpose

The purpose of this document is provide background and requirements for a new interface between the State of Hawaii Professional and Vocational Licensing Board and Tyler Technologies Land Management Software, EnerGov.

Background

The County of Hawaii and the County of Maui are implementing, independently, a new software application to manage the issuance of building permits and the like. Both Counties have selected software called EnerGov provided by Tyler Technologies.

One of the efficiencies sought through the implementation of this new software is in the process of validating Professional and Vocational Licenses (PVL). Formal approval has been obtained to work with Hawaii Information Consortium (HIC) to develop an interface.

Typical EnerGov Scenario:

- County Departments create a permit in EnerGov software
- When county employees attach the citizen requested contractor to the permit, they need to validate the contractor license
- Teams would like for the validation to occur in EnerGov by automatically checking the state-level board, based on license number.
- This automation means the most up-to-date information will be available and County staff can work more efficiently within one application

Requirements

- The state license board will provide an automated real-time look up service requested through EnerGov
- Service should be available a 24/7 with 3 working days' notice for a planned outage
- The Web Service must be an API configured in REST
- Returned information to EnerGov must be in XML format
- The search service would accept a license number as its input
- The license number must be unique
- The search would return information about the matching license:
  - General Licensee
    1. License ID
       - License of the Professional Firm

2. Legal License Name
3. Trade Professional Name
4. Active/Inactive
5. Status
6. License Expiration Date
7. Original License Date
8. Class Prefix
9. Business Address

- o Employee List (for employees associated with General Licensee)
    1. Position
        - Filter on Responsible Managing Employee (RME)
    2. Employee Name
        - There can be more than one RME; display all active
    3. License ID
        - License of the employee
    4. License Status
    5. Effective
    6. Position Status

- o License Class (for employees associated with General Licensee and Employee List)
    1. Class Code
        - there can be more than one; display all active
    2. Class Type
        - there can be more than one; display all active
    3. Effective Date
    4. License Status
    5. Restricted

- If no data is found when submitting a license ID – a pop in EnerGov is required to inform the users "No Results Found"
- If EnerGov cannot "connect" to the State Database/API, a pop up is required to inform the users "State data is not available at this time"
- HIC will provide a SPEC document based on details requested that will be shared to EnerGov developers (field names, field length, type of field, etc.
- HIC participate in System Integrating testing (SIT) as well as User Acceptance Testing (UAT)

👤 General Licensee 🖨

License ID: CT-26375	Active/Inactive: ACTIVE	Status CURRENT, VALID & IN GOOD STANDING/MAINT. REQUIREMENT DUE	Expire Date: 9/30/2020
Legal License Name: PACIFIC ISLANDS GROUP LLC	Trade/Professional Name: PACIFIC ISLANDS CONSTRUCTION	Entity: ORGANIZATION (LIMITED LIABILITY COMPANY)	Original License Date: 10/24/2005
Class Prefix: C	Special Privilege: --	Restriction: --	Education Code: --
Business Code --	Conditions & Limitations: --	Business Address: 105 A PUUHALE RD HONOLULU HI 96819	

☰ Employees List

EMPLOYEES

[⊞ Records Per Page] [☰ Columns to Show] [Type text to further filter results]

Position ⇕	Position Status ⇕	Employee Name ⇕	Lic ID ⇕	Lic Status ⇕	Dual Rme ⇕	Effective ⇕
RESPONSIBLE MANAGING EMPLOYEE	PRINCIPAL	SWART DENNIS P	CT-27751	CURRENT, VALID & IN GOOD STANDING		10/17/2018

☰ Employers List

⬆ Insurance / Bond

★ License Class

License Classes

[⊞ Records Per Page] [☰ Columns to Show] [Type text to further filter results]

Class Code ⇕	Class Type ⇕	Effective ⇕	Restricted ⇕	Status ⇕
A	GENERAL ENGINEERING	10/24/2005		CLASS NO LONGER ACTIVE (NO RME/FIRM, NO EMPR)
B	GENERAL BUILDING	10/24/2005		CLASS NO LONGER ACTIVE (NO RME/FIRM, NO EMPR)
C13	ELECTRICAL	4/16/2010		CLASS NO LONGER ACTIVE (NO RME/FIRM, NO EMPR)
C42	ROOFING	4/3/2007		
C55	WATERPROOFING	4/3/2007		
C60	SOLAR POWER SYSTEMS	3/28/2012		

Showing 1 to 6 of 6 entries

1