



# TransAcumen PayProve



**Client:** PayProve TransAcumen



**Client Site:** [transacumen.com](http://transacumen.com)



**Industry:** Software



**Country:** Australia



**Size of the Team:** 1 person



**Duration:** 6 months



## Technologies Used:



CLOJURE



ANGULAR.JS



RESTANGULAR



SMARTADMIN



CSS 3

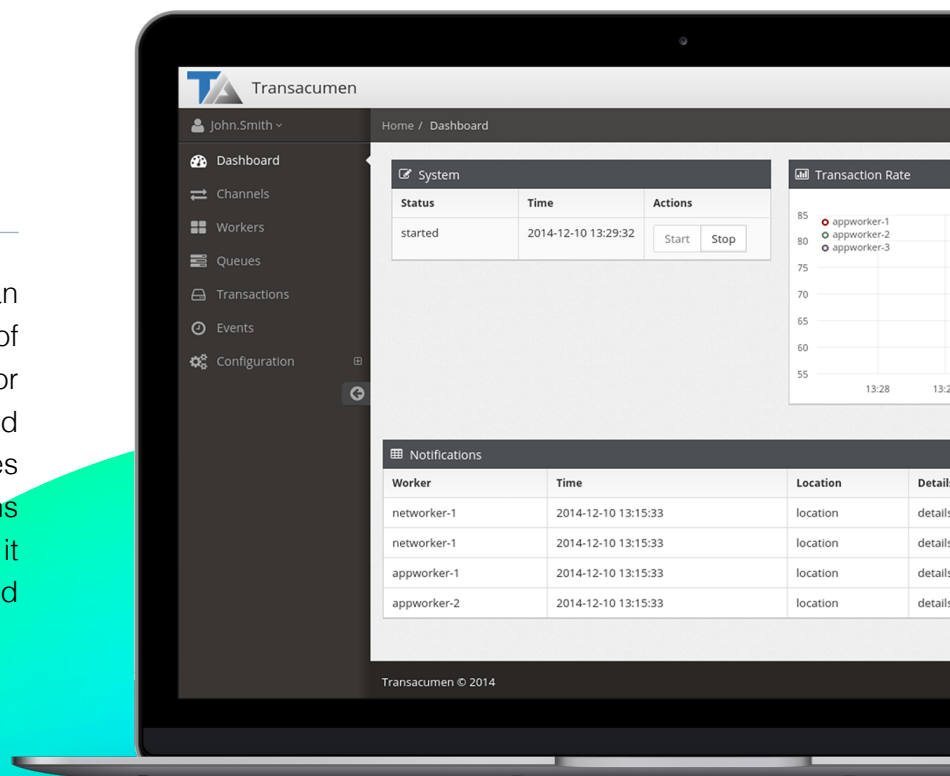


HTML 5



## OUR CLIENT

Transacumen is a young Australian company that has developed a set of payment processing services renowned for their flexibility, scalability and user-friendliness. Transacumen improves the way enterprise payment applications are built, tested and deployed, making it easier and faster than ever to develop and integrate new payment systems.





## BUSINESS ISSUES

PayProve is Transacumen's popular quality assurance environment for the simulation, testing, metrics' aggregation and certification of payment applications and devices. At first it was developed as the PC application, limiting its usability. That's why in order to make PayProve service more flexible and easily available our team was tasked with creating web application for subscribers that would work along with the existing servers containing subscription data.

One of the main challenges was the development of a highly-adaptive admin console that would be easy to use and equally suited for personal computers and mobile devices. Our task was all the more challenging because of the tight schedule imposed by the client.





## SOLUTIONS

Our team developed PayProve web application that allows access to admin console for simulating and testing payment services and devices. Considering Transacumen's tight deadlines our developers used Clojure functional programming.

Components of SmartAdmin Bootstrap template for AngularJS were used while creating the admin console of the web application. Adaptive user interface provides high-quality visual display for personal computers and mobile devices. Jenkins integration allows users to schedule tests and aggregate results without constant supervision. Subscription functionality was developed to provide users with flexible subscription plans.

The screenshot displays the Transacumen admin console. The interface includes a sidebar with navigation links: Dashboard, Channels, Workers, Queues, Transactions, Events, and Configuration. The main content area shows a 'Transactions' view with filters for 'channel-1' and 'All Sessions'. Below the filters, there is a table with columns: AppWorker, Id, Channel, Session, Started, Completed, Result Code, and a 'Details' button. The table lists 10 transactions, all with a 'Result Code' of 1. At the bottom of the table, there is a pagination control showing '1' of 5 items.

AppWorker	Id	Channel	Session	Started	Completed	Result Code	
worker-1	49	channel-1	a723b931-9984-4ae2-85c3-1e1716025103	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	48	channel-1	8a4cf8bd-e6ea-456a-bb22-c5b70ab40e11	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	47	channel-1	362eb26b-24a7-441e-b509-290cdf97d998	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	46	channel-1	e5ff34f4-d862-4abd-b4b5-ef4299894e8e	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	45	channel-1	9a10dea6-1860-489e-a82b-a905964c3edb	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	44	channel-1	be222648-6a30-4f0e-8a59-1cd25e1123c8	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	43	channel-1	01d4439e-c868-4731-8885-13a54700a7d9	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	42	channel-1	ce5d767a-5bea-4f56-b310-34ee2e552539	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	41	channel-1	22edbd29-9cb9-4c10-89da-91306d8914ac	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>
worker-1	40	channel-1	ce5aa88f-efef-4927-a400-0e35fb973c3c	2014-12-10 13:40:59	2014-12-10 13:40:59	1	<a href="#">Details</a>

## BUSINESS VALUE

Availability of the PayProve web application for mobile devices and PCs made this service a real best-seller among Transacumen's clients. The number of subscribers is constantly increasing therefore leading to the income growth.