



codafication

just imagine...



Unity

Platform-as-a-Service

Codafication's flagship Unity platform is an enterprise grade, secure system that interconnects modules from our library or datasets from your existing or legacy systems.

Unity is containerised, cloud native technology, that can be deployed to any data-centre around the world.

We can integrate against legacy systems to automate user engagement, dynamic modules based on these users, and dynamic data across the tools that they use.

We underpin the Unity platform with the latest leading-edge technologies to empower users to extract insights across the value or supply chain, allowing our clients to innovate or optimise operations and improve customer experiences.

Unity for Insurance is a source of truth across a highly fragmented value chain. It can be used as a powerful data extraction tool across business units, supply chains and external data sources in the field.

Unity will help automate your workforce, teams, decisions, while inferring valuable insights to assist financial modelling from underwriting, claims, teams, risk, and fraud.

Data is power. Unleash your potential with Unity.

Our library of modules

Software-as-a-Service

Codafication has built many distribution, project management, scheduling, and automation framework modules to assist enterprises and the supply chains they engage with.

Our modules are customisable to suit the organisational requirements to deliver this software. These tools interconnect and are contextually aware, allowing for relational data to be easily exchanged.



Virtual Assist



Quote Tool



Trace



Pulse



Vendor
Management



Calendar
Connect



Works
Converter



Gantt
Designer



Vendor
Toolkit



One Click
Publishing



Data Skin



Customer
Service Index



Sequencer



Report Writer



Comms
Connect

MODULAR PRODUCTS

We include for your perusal a high level explainer of our modular applications that can be added, customised or adopted across various teams within your organisation.

These modules have been hand crafted to suit many applications across many industries.





Modeller

MODELLER

We provide a powerful visual tool that allows enterprise licensed Unity platforms the ability to design and interconnect workflow across our system and other external platforms.

This truly innovative tool allows you to model out workflow and how you distribute information across modules and systems.

These building blocks in a model can then be leveraged alongside our powerful WebHook architecture to pass a payload of data to other external (or internal) applications.

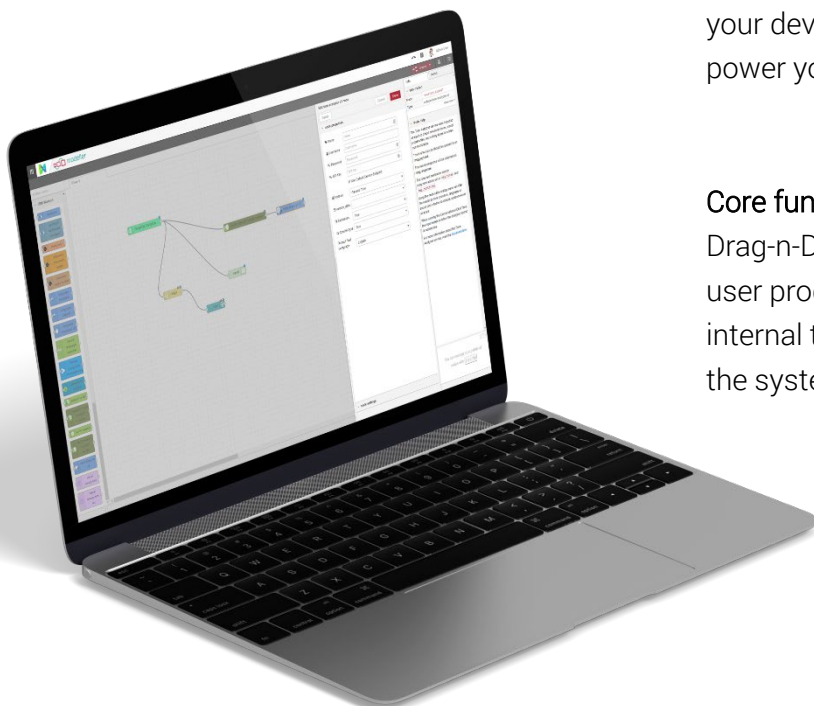
This interconnectability allows Unity users to model next steps across an entire organisation, while shipping valuable data across the system architecture.

This module is permission-controlled allowing the appropriate user access to refine and extend within the module.

Modeller allows your company to design and take control of its workflow and creates an extensible environment for your developers to contribute connectors, allowing you to power your own innovative roadmap.

Core functions of this module include:

Drag-n-Drop workflow designer, WebHook infrastructure, user programmable JavaScript logic and flexibility for internal teams to build connected data in the workflow of the system.



PULSE

Pulse is the project backbone module of our Unity platform.

It creates a hub environment to receive and distribute projects across internal or external users.

Pulse is underpinned by our core dynamic data engine meaning that we can customise inbound and outbound jobs, but also their related schema's based on user role types or tenant within the system.

This means that enterprises can engineer step-by-step value chain processes that can be distributed, or mutated, based on different users accessing the system.

This powerful framework can then be fed back to other legacy systems based on WebHook activity (or related processes in Modeller) or queried out via our powerful core API technology.

Pulse can sit in between, beside or as a complete end to end distribution tool, to manage how you manage large bodies of work across many various stakeholders.

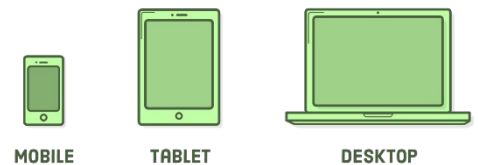
Core functions of this module include:

Latitude and longitude locations of projects. Dynamic filters for searching projects. Projects have many related dynamic jobs and dynamic fields within. Dynamic project and job statuses. Assign users, upload documents and add notes.

Interact with external or legacy systems to augment data into functional interfaces on desktop, tablet and mobile devices. Customisable views based on roles and function of the enterprise.

Mobile, Tablet & Desktop.

Offline mode available in some instances.





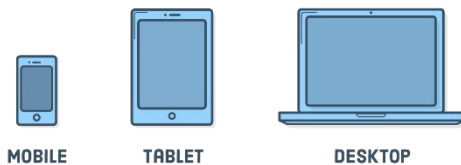
REPORT WRITER

Gives users contextual awareness across the Unity platform of related modules and allows them to surface out rich media, document assets and third-party information provided. Report writer then allows the user to have desktop publish like features to turn these assets into bespoke published reports.

Report Writer helps drive workforce efficiency by allowing users in the field a faster, more tailored set of tools that generate reports and outcomes based on pre-defined dataset templates.

Report Writer is underpinned by our core dynamic data engine, which means we can tailor these reports, and the output document suite, based on role, department, tenant or workflow associated to jobs distributed into Pulse (the hub of the system).

Because we build API first, the data from Report Writer can transact to other systems to automate outcomes and external workflows that need to be traditionally manually double or triple entered across platforms, in turn removing unnecessary duplication.



Core functions of this module include:

WYSIWYG editor, contextual asset selector, PDF publishing, user permissions, system publish to many systems with a single click.

Mobile, Tablet & Desktop views.

Offline mode available in some instances.

VENDOR MANAGEMENT

Provides organisations with a way to centralise their supply chains, storing key information in a secure central repository, that in turn can be leveraged to automate the distribution of jobs, activities and function within the platform.

The module is underpinned by our dynamic data engine, meaning that you can add various data sets that may impact the distribution of work allocation to these vendors.

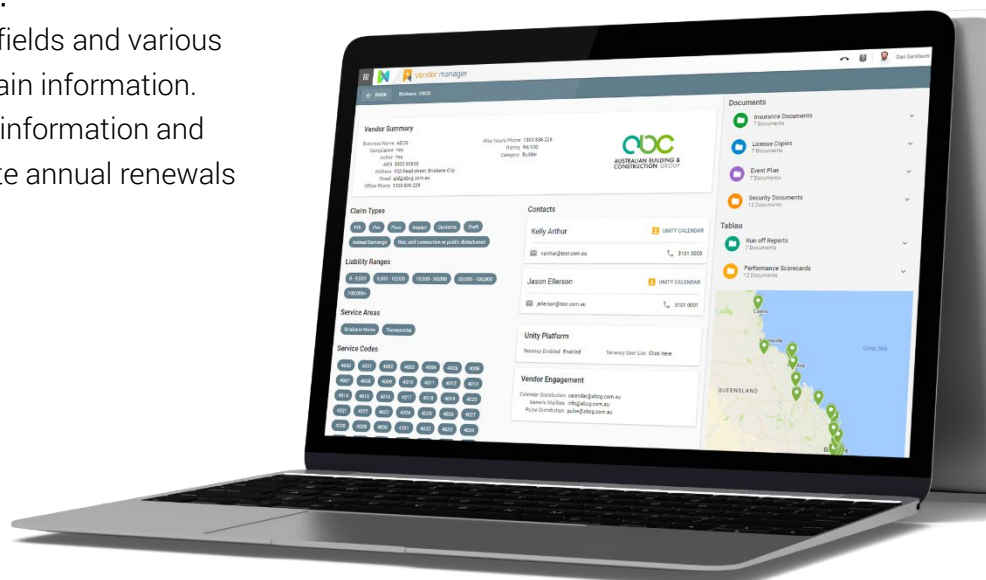
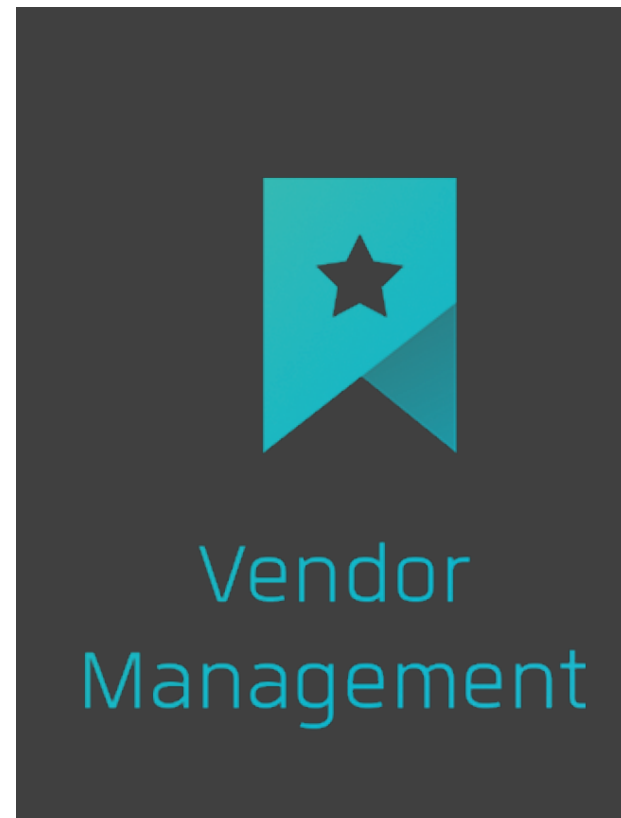
For example, these could be datasets related to cost, performance, customer sentiment, job cycle times, location, capacity or best in class meta-data.

Think of the Vendor Management module as your enterprise black book, that can be connected and leveraged dynamically from modules within our system to automate the workflow and assignment of work.

All data contained can be ingested or pushed via our core system API to other platforms, or be changed by inputs from other systems to make it a truly powerful vendor management system.

Core functions of this module include:

Import and Export features, dynamic fields and various category types of inputting supply chain information. Ability to embed risk and compliance information and leverage to create workflows to update annual renewals where applicable.



CALENDAR CONNECT

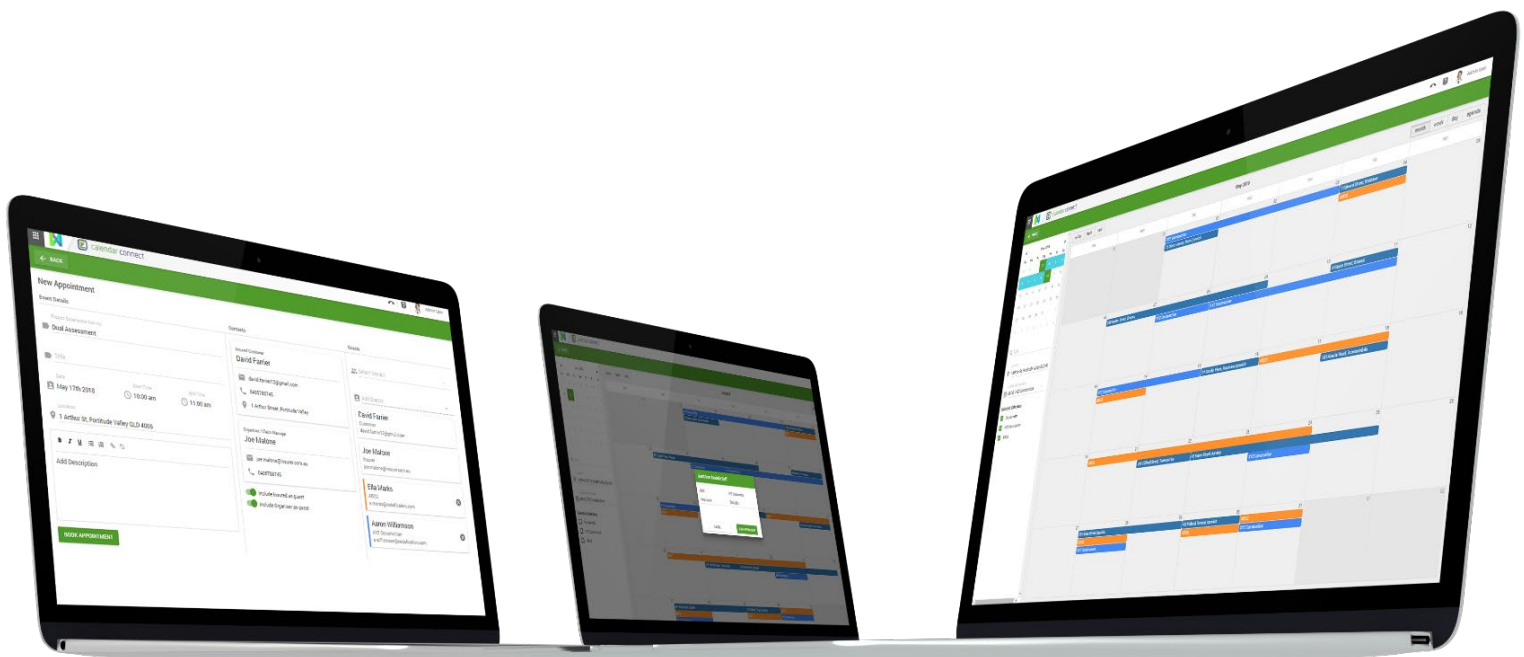
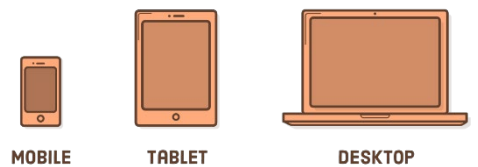
Provides a robust way for an enterprise to visualise structured data whilst interconnecting to existing Enterprise Resource Planning (ERP) systems.

This can be leveraged to create automation framework and resource planning workflows within our Unity platform across various modules or be embedded as externally facing to the enterprise.

Have no ERP system, no problem... We can integrate easily against other best in class applications to provide this framework and front facing application to assist the transition towards automation workflows within our platform.

Core functions of this module include:

Standard calendar entry functions. Ability to interconnect with existing ERP systems through customisation. Ability to publish calendars. Ability to have enterprise visibility across other tenant's calendars.





Quote Tool

QUOTE TOOL

Our powerful quote tool is built for enterprise and the teams they engage with to procure structured pricing. It allows organisations to control and distribute how their users, or tenants in the system, interact with pricing and structure pricing to suit the required workflow. Structuring the pricing data at the database layer and throughout the user experience allows the organisation to build standardised metrics and workflow to assist the audit controls of the enterprise.

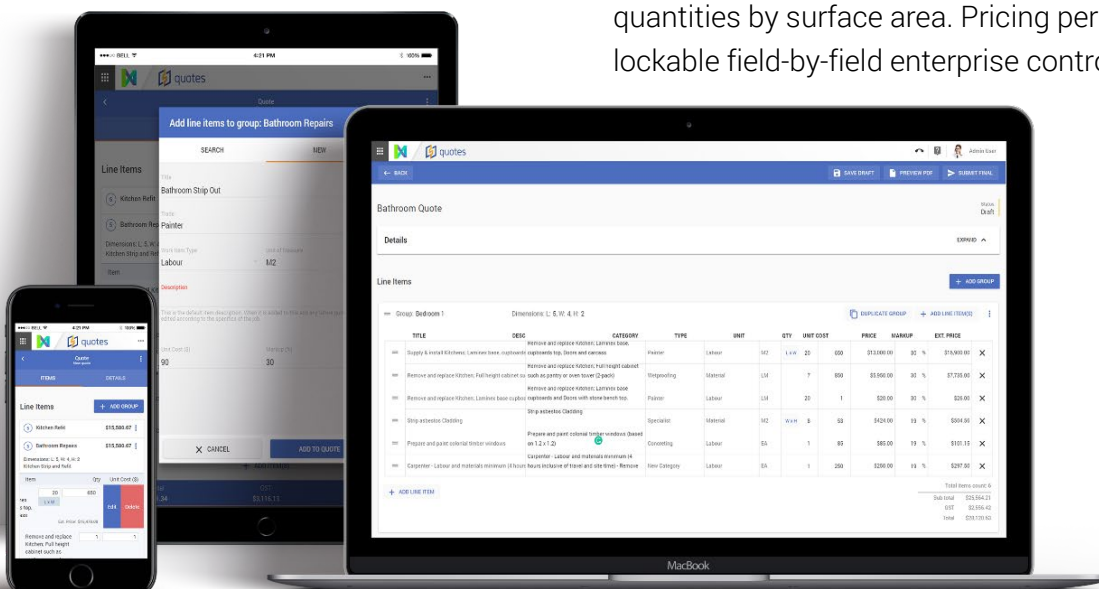
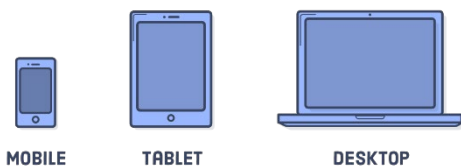
Users can import and set rates models appropriate for specific tenants, allowing the organisation to have greater rigour over their supply chain and how they review work.

Furthermore, this tool is highly customisable and can be tailored to suit many industries and the related mechanics of how price is quantified for various bodies of work.

Related modules of this system also extract the structured data and values within this system, which can then assist in automation workflow and processing of a high volume of work.

Core functions of this module include:

Companion Catalogue module to import and extract data from. Favourite pre-built rooms. Calculate line time quantities by surface area. Pricing permissions with lockable field-by-field enterprise control.



TRACE

Trace is a powerful data aggregation and visualisation tool focusing on structured price metrics ingested into the Unity platform from the Pulse and Quote modules (when linked).

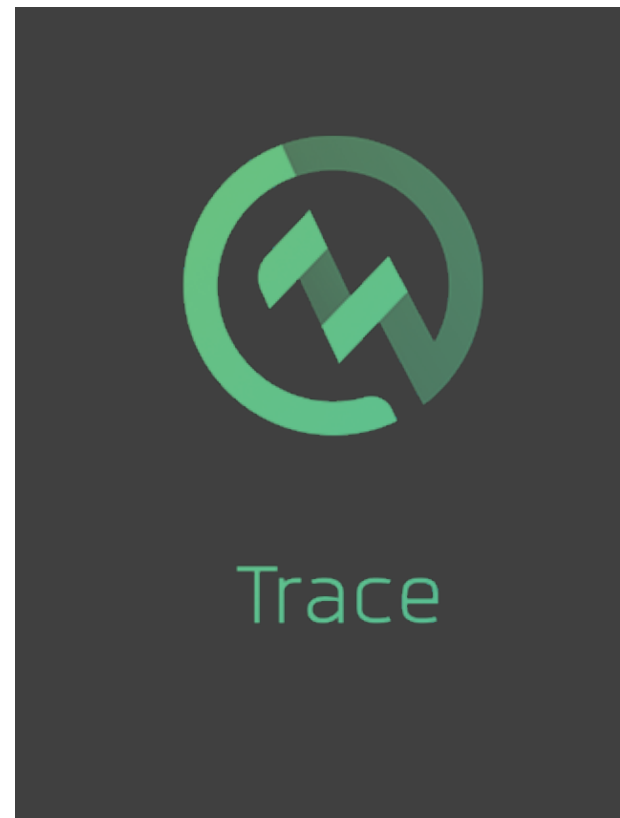
This allows an enterprise user to review pricing received from vendors in a supply chain as to what the aggregated cost received (or quoted) looks like for the organisation.

Over time this equips the organisation with clear actionable insight that can create audit or approval functions to further assist in processing a high-volume of pricing work.

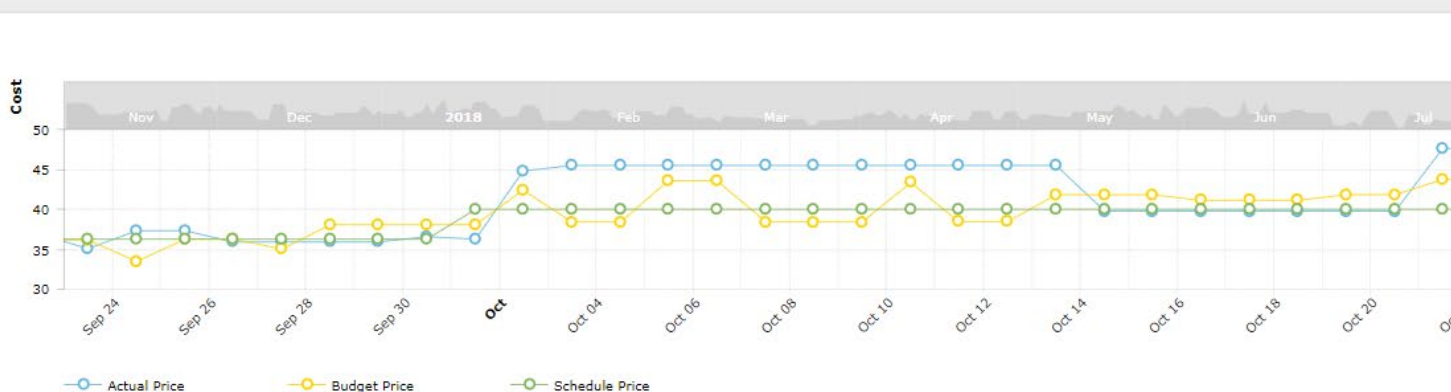
Trace can import data points from various industry sources and compare them across current pricing trends to further assist key decision makers who manage outgoing cost to the organisation.

Core functions of this module include:

Date range filters, price indices and visual callouts, export visualisations, integrate workflow / web hook framework to create additional workflow.

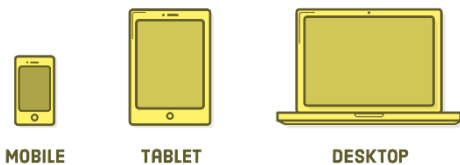


Actual vs Budget vs Scheduled Rate





Virtual Assist



Core functions of this module include:

Progressive Web Application (PWA) on latest devices meaning no app installation.

Developed for cross-platform usage on mobile, tablet or desktop devices. Video is encoded on local Australian servers and stored directly within Australia conforming with Australian privacy laws, IRAP and Government legislative requirements. Completely scalable architecture. Data collected is encoded with geolocation metadata. Images and streaming videos are time stamped to validate sessions. Ability to leverage WebHooks to communicate to external systems. SMS and email gateways can be configured to suit the enterprise.

VIRTUAL ASSIST

VA is a scalable, API first application that allows a user (or artificial agent) to enact calling a customer via VoIP, which also then sends an SMS to the customer, resulting in the activation of a smart-phone or tablet into a rich, real-time media capture tool.

All data is encrypted and streamed to the Unity platform, which allows the recording of video, audio, high-resolution snapshots and user uploaded images.

The user's mobile, tablet or laptop will detect streaming speed and adjust resolution settings automatically to ensure that the frame rate and quality is as high as possible.

Metadata is collected on video, images and geolocation services and can be cross referenced to the site address and incident date to generate workflows or flags accordingly within each system if required.

This tool allows organisations to reshape how they triage, process, and allocate work across their internal resources and external supply chains.

VA is white-labelled to show your brand(s) to customers allowing your organisation to have complete ownership over their brand and identity.



PROJECT EXPERIENCE

Design and deploy powerful API first project workflows that connect all stakeholders into a clear communication path and workflow.

Empower your teams to design modern customer experiences related to distribution or claim functions that notify key actors via SMS, Email or Web Link.

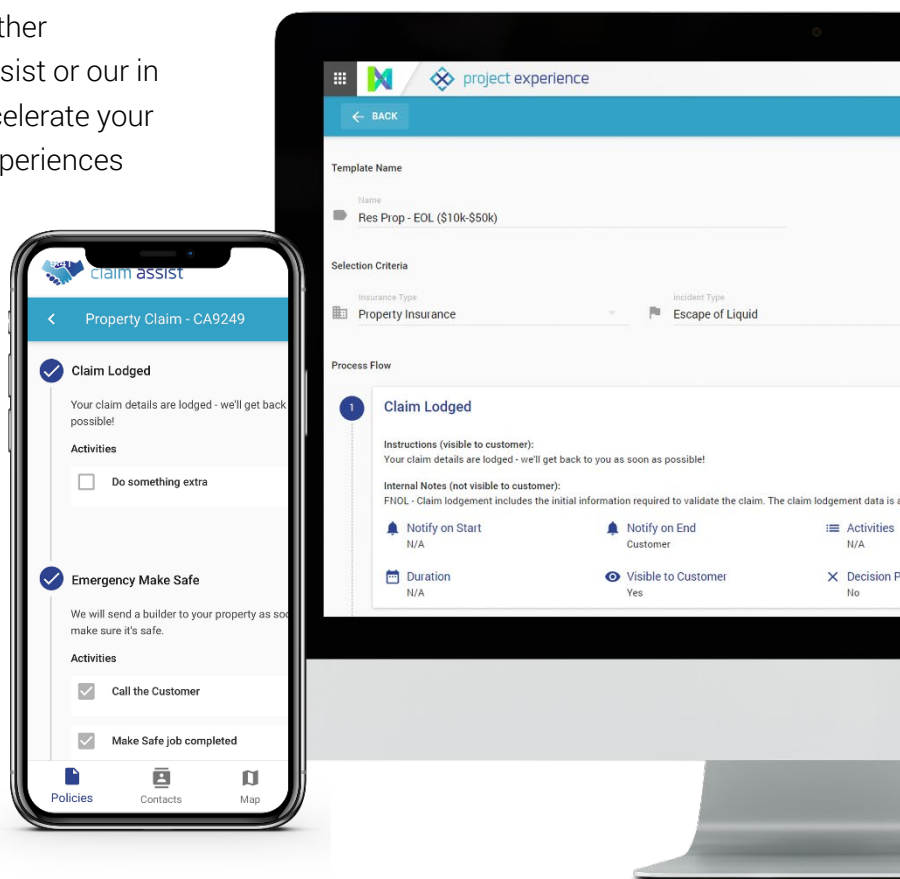
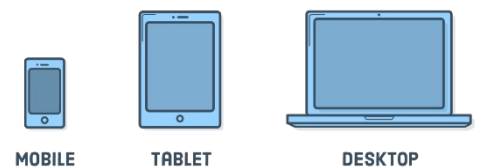
This can be used to tailor a workflow process across claims, jobs and activities to achieve a successful outcome.

Project Experience can also set invisible internal activities where only some stakeholders need to be notified.

As it is API first and exports JSON, it can also be leveraged as an orchestration workflow tool across legacy systems to automate next step actions.

With user permissions, Project Experience can be managed by key staff.

When Project Experience is combined with other modules in Unity, such as Modeller, Claim Assist or our in built omni-channel tools, you can start to accelerate your innovation track and modernise customer experiences (such as Digital Notice of Loss).





BI / BA – ANALYTICS DASHBOARD

We provide you with a best in breed analytics engine that will view the array of datasets across your connected systems within the Unity platform.

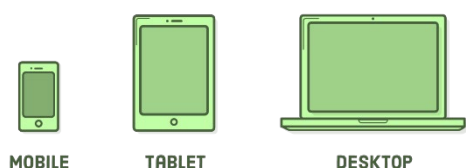
Analytics can also be enriched through external data sources, while then being presented in the BI Performance module within the platform.

The module can be extended by your own teams, or use existing libraries available to build visualisations.

When used in conjunction with Modeller, you can link in other sources of third-party data and transform them, to gain visible insights for your organisation.

All dashlets generated can be outputted to a JSON format as well, allowing easy transfer of information.

The tool can be set with security permissions to not allow user access, or controls to the module.





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