



## TRANSFORM ENGINE

Fifth Ocean's unique TransForm Engine has been specifically designed to enable agile implementation of digital transformation strategy without disruption of business processes; this includes seamless integration with an existing ICT architecture. It provides a powerful single development environment and array of purpose built tools to create applications that transform traditional interactions to digital transactions.

TransForm Engine is a unique platform that provides a development and production environment for online solutions designed to transform interactions between people and systems into digital transactions. Examples of such interactions are application forms, registrations, surveys, permit and license requests, insurance or medical claims, discovery tools and wizards, training lessons, data collection, payments, access to job vacancies and applications, and others that involve initiation, submission and access by users online.

TransForm Engine offers a single managed online environment with virtually unlimited solutions.

Fifth Ocean Technologies is dedicated to navigating business enterprises and government agencies in their journey of digital transformation.

### FOR MORE INFORMATION

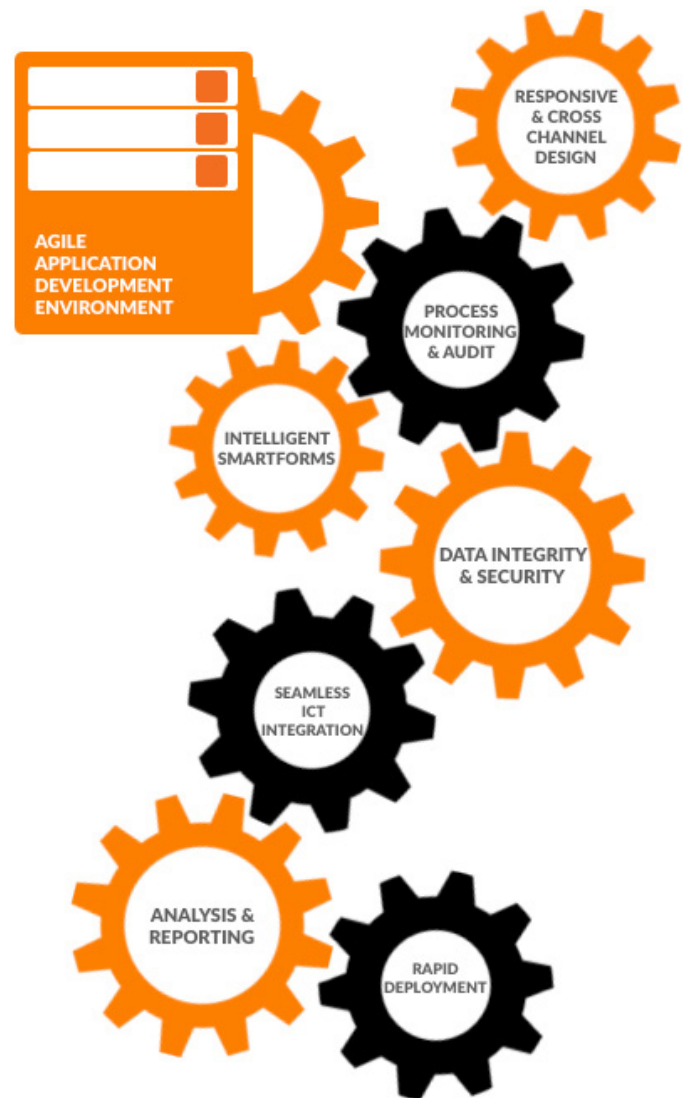
1300 674 090

E: [info@fifthocean.com.au](mailto:info@fifthocean.com.au) | W: [www.fifthocean.com.au](http://www.fifthocean.com.au)

## PRODUCT FEATURES

1. Designed to execute intelligent, user-centric, dynamic online forms.
2. Highly customisable *feel and look* of visual representations and documents allowing full compliance with customer's branding.
3. Provides full *compliance* with federal Government privacy, confidentiality and security requirements.
4. Provides dynamic and interactive interface with *auto-saving capability*, ability to suspend and resume online form at any time with zero data loss.
5. Creates opportunities for building *multi-user / multi-role collaboration* capabilities based on 'start by reference' feature.
6. Embedded business rules allow *subsequent intelligent data entry* based on previous data entered, field prepopulate from online portal environment, HTTP session attributes.
7. Allows for *Smart-attachment* of additional electronic documents with the ability to restrict total number of documents attached, types, and maximum size.
8. Provides ability to execute *custom workflows* throughout the form lifecycle.

9. Provision of *common templates*, common workflows, design patterns for re-use.
10. In-built *version control* and publishing mechanisms allows to execute a full forms development lifecycle i.e. development, unit-testing, pre-production testing and promotion to production *without disruption* of live data processing.
11. Check *submission of associated forms*, when multi-form application is required.
12. Executes *secure payment transactions* using a range of hosted payment gateways.
13. Provides *explicit suspension* and resumption when the end user needs to work on several instances of the same form type.
14. Form rendering into a *printable format* such as invoices, payment receipts, during form execution and postsubmission.
15. Provide a *web service lookup* and the ability to create a proxy for communication with external systems.
16. Provides support for *anonymous and authenticated users* with additional data access features for authenticated users.
17. *Log, audit and report* form submission events.
18. Automated *test execution and form debugging* facilities
19. Provide *integration channels* to allow client backend systems to pull down data from the form.
20. Use of Australian Government Information Security Manual (ISM) compliant *antivirus software* to protect against malicious code, including the rejection or quarantine and destruction of uploaded attachments.
21. Allows free text and *pre-populated fixed field* values to be applied, streamlining the user experience (using web services and database calls, runtime calculation invoking backend JavaScript engine, custom plugins).
22. Solutions are *responsive in design* delivering exceptional user experience across mobile, tablet and desktop devices.
23. Optimised to reduce online processing and rendering time.



## VISUAL DESIGNER

Transform engine comes with Visual Designer, an intelligent web application that provides online form design functionality.

Our efficient drag and drop interface ensures that forms of simple to medium complexity can be fully developed and maintained without users to need software development skills.

Visual Designer provides full capability of managing form field types, labels, description, associated features, location on a page or within the group, dynamic state management, rules for default and runtime population of values and options, layouts, validation rules and more.

## PROCESS MANAGEMENT, MONITORING AND AUDIT

The TransForm Engine platform provides the functionality to:

- Store submission data from completed forms with full privacy and security
- Manage and follow a retention policy for forms records
- View and authorise viewing of form submissions and attachment
- Automatically or manually resubmit/cancel a problem submission or workflow process
- Monitor form submissions in real-time, submitted / in-progress or suspended, including access to entire form data in printed and/or online format
- Sort and search key submission parameters, including status date, time, ID, payment details, form type and more
- Re-issue a receipt to the client for payment record
- View details of a payment received, method of payment, receipt number and more
- View aggregated form submission history for logging and reporting
- Provide system wide audit trails including logging access, updates and changes



## USER ACCOUNTS MANAGEMENT

The TransForm Engine platform provides the functionality to:

- Create user primary account with basic information such as name, email address, password, access point
- Delete/deactivate user accounts and update user account details
- Application security controls to authorise access to functionality and also to manage user roles and permissions
- Ability to change user password by agency administrator and change/reset user password by the user
- Access user account logs
- Allow read-only permissions on account

## ANALYTICS AND REPORTING

The Transform Engine Platform provides the functionality to:

- View information and details about form activity
- View events for client agencies within the organisation's domain
- Configure parameters of system reports, allowing reporting of statistical information about selected system events from system logs
- Provide reports about forms usage
- View, save/delete or export report for a selected period
- Save selected reports to a .csv file for subsequent external processing
- Schedule the production and sending of reports
- Obtain basic intelligence reports such as:
  - a. Form usage web analytics
  - b. Transactions processed
  - c. System performance
- Ability to create and manage custom reports
- Produce reports specific to a user's client agency profile including specifying a single client agency or an array of agencies
- Payment processing reports.