



Clevest Genesis

Easily configure your solution without costly custom code changes

Key Benefits of Clevest Genesis

Rapid changes: Making configuration changes is quick and easy, with no need to wait for new software releases

Ad hoc schema creation: Create and define database fields easily, with no development or database work required

Data validation on entry: Regex, type, and rule-based validation

Form factor profiles: Configure screens for optimal viewing on various device form factors (e.g., phone, tablet, laptop)

Order event logic: Leverage event handlers for order-based data transformation and logic, which provides forms with significant processing power for complex workflows

Clevest Genesis enables utilities to tailor the Clevest solution to their unique business processes and iteratively improve mobile workflows without the time, complexity, and cost required by most other applications to make changes.

When business processes evolve or field workers have suggestions to improve operational efficiency or safety, even small application changes can be expensive and time-consuming to implement with other solutions. Sending the correct information to field workers is critical for safe and productive operations. Collecting the data needed from the field, and integrating and mapping data fields with existing host systems can also be expensive, time-consuming, and difficult to maintain over time, yet it is critical to any successful deployment.

Related product lines:

- Mobile Workforce Management
- Mobile GIS
- Advanced Network Deployment
- Meter Reading

Using Genesis, utilities benefit from the ability to:

- Simplify interface creation, deployment, and maintenance
- Adapt the system to evolving business process improvements
- Improve control over complex workflow processes
- Enhance user adoption and drive engagement as end users see their suggestions deployed
- Realize greater autonomy in making changes to screens or workflows that support business processes

How it Works

Clevest's professional services team — or the utility's own IT staff — leverage Genesis configuration toolsets to design order types, screens, fields, workflow logic and validation rules. With a graphical interface, users can drag-and-drop fields to screens and quickly resize, reposition, and relabel them to present dispatchers, supervisors, and field crews with the information they need. Genesis is also used to tailor scheduling engine processes and Clevest's Persistent Form Templates, such as shift registry and timesheets.

Genesis removes the need for development resources for interface work. Data requirements and transactions for interfaces between the application suite and different host systems (e.g., CIS, GIS, OMS, meter data management system, head end application) can be defined as required. Users can harness system events and define message structures so information is received by and sent from the Clevest platform quickly and easily. Over 250 unique interfaces have been configured using Genesis, from web services (e.g., REST, SOAP) to flat files.

Configuration files can be deployed across various environments independent of product versions, which enables backwards compatibility and future proofing.

Why Clevest Genesis?

Genesis gives utilities the means to easily, quickly, and cost-effectively implement changes to their Clevest solution to improve business processes and to act on feedback from the field and the office.

With a user-friendly and feature-rich user interface, Genesis helps utilities:

- Shorten implementation time and cost
- Improve responsiveness to changing business needs
- Leverage client event handlers to interact with Clevest Mobile GIS data
- Configure host lookups to provide extra information to the mobile worker, such as documents, permits, premise, or asset history
- Introduce new validation rules
- Add fields to capture barcode scans, pictures, GPS coordinates, or signatures
- Upload new configuration files quickly with no down-time to the system

Clevest provides innovative workforce management software that connects the mobile workforce to office operations, enabling utilities to rapidly automate and optimize any field work activity or process to improve response time, safety, productivity, and effectiveness. Clevest integrates with leading enterprise systems, with configurable solutions that can be deployed on-premise or in the cloud.

**Automate your workforce today
with features such as:**

- Rapid changes
- Ad hoc schema creation
- Data validation on entry
- Form factor profiles
- Order event logic