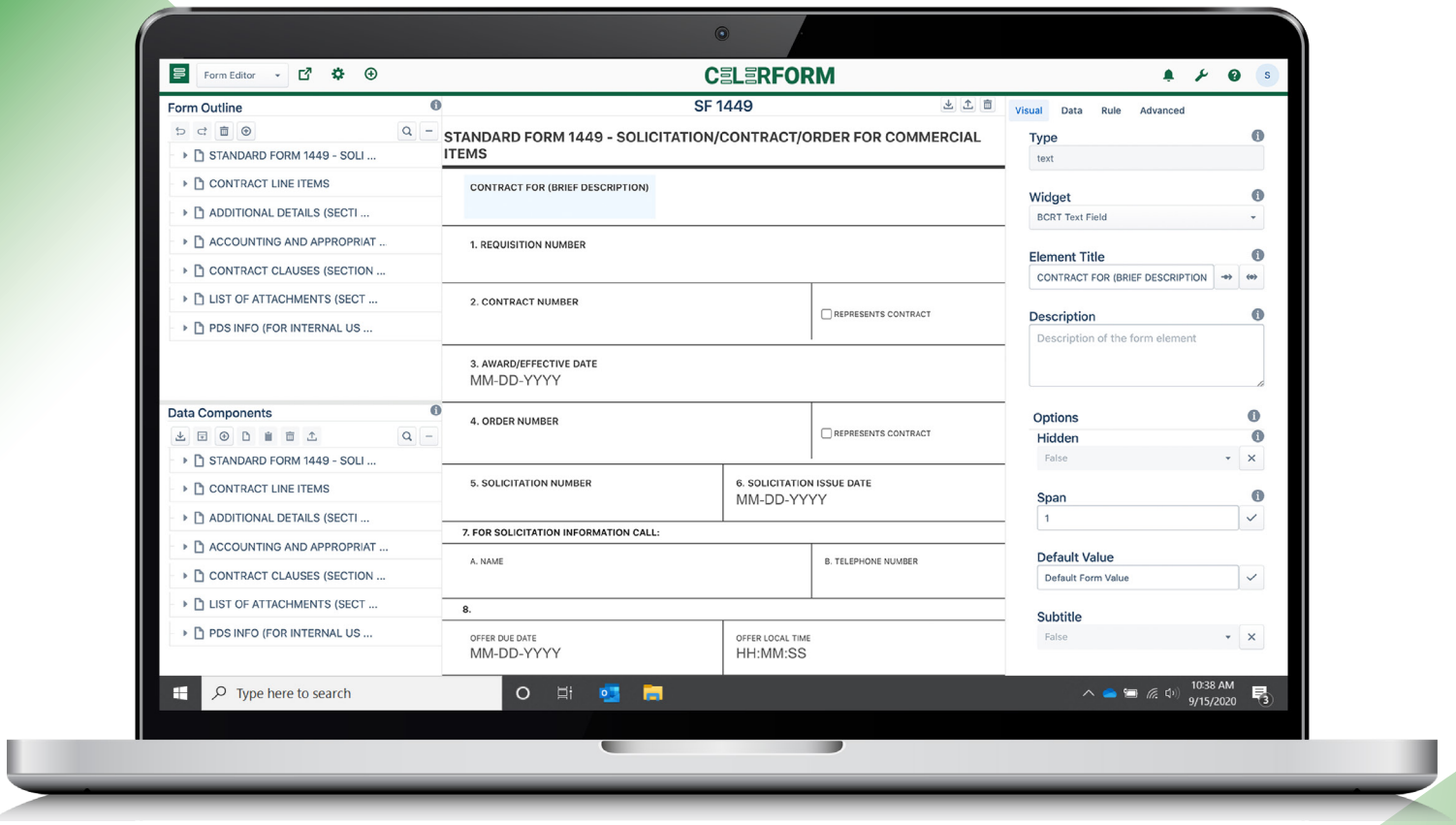
CELERFORM™

A Dynamic Form Generation Platform



Designer

An intuitive web-based Designer that lets users:

- Import an XSD, JSON or PDF form to automatically create the data elements for the form. Supports importing complex XSD like PDS (Procurement Data Standard), SF 86 and other NIEM data models
- Export the data captured in the form as an XML compliant with the XSD used to design the form
- Create own data elements and data hierarchy and use them to design the form
- Drag-and-drop data elements into canvas to build a multi-page form

Core Capabilities

- Enterprise solution to visually design complex forms and publish them instantly to users
- Support for syntactic and semantic data validation
- Ability to collaborate between submitter and reviewer to correct errors in a form after submission
- Built-in analytics by aggregating data from the forms submitted by users
- Support for hierarchical organization structure and role-based access control

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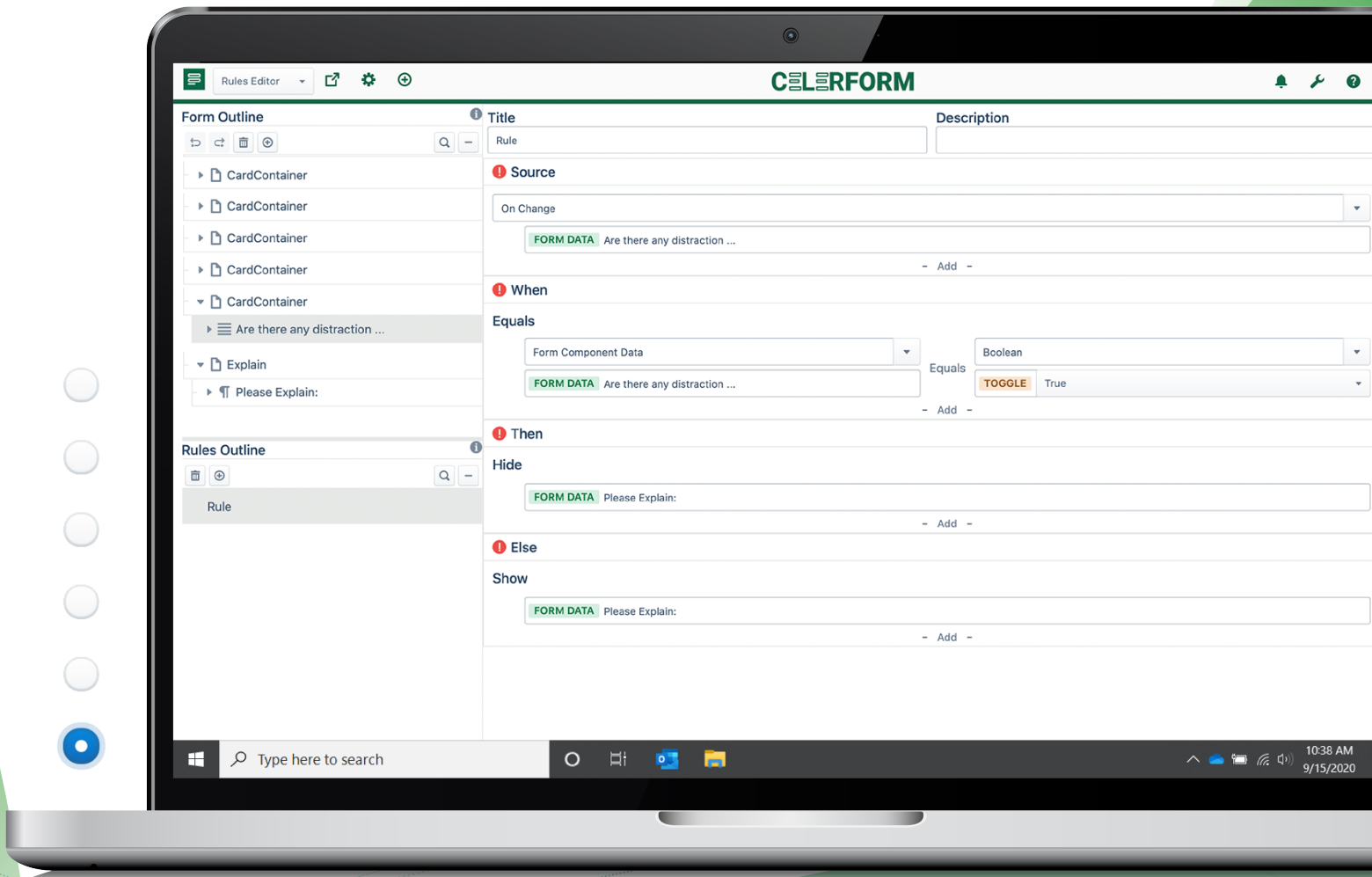
www.synergybis.com
celerform@synergybis.com



Validation Rules

- Inherit the syntactic validation rules from the XSD used to create data elements
- Visually design cross-field semantic validation rules
- Design rules to conditionally render one or more fields or sections on a form based on data entered in one field
- Design rules for performing calculations, cross field validations, and much more
- Design validation rules by calling web services from external sources (e.g. validate postal address by calling USPS address validation service)
- Configure rules to fire at the time of data entry or before submission

Architecture

- Loosely coupled data layer: can integrate with Amazon S3, No-SQL Databases or SQL Databases
- Use built-in Identity and Access Management capability (IdAM) or integrate with your Enterprise IdAM, including CAC based authentication
- Built on Open-Source Platform
- Use Docker and Kubernetes to facilitate autoscaling under high load
- Available as SaaS on AWS or PaaS
- ATOed in US Air Force Platform One/ Cloud One

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