

EnergyNow APM – Data Certification



Agenda

- **Data Certification & Benefits**
- **In Scope Fields**
- **How to perform Data Certification**
- **Execution Plan**



Data Certification



What?

Annual activity of Verification/Correction (if needed) of the attributes/metadata of registered Application in APM

Who?

IT Application Manager of Business Application

Where?

In EnergyNow, Task Link of Data Certification will be sent to Managers by an automated Email

Required Effort?

Less than 5 minutes per Application

Benefits of Data Certification



- **Application Inventory**
 - Opportunity to add missing applications and Retire the already decommissioned applications
 - Install Status is updated for applications to know which are In use or Retired or recommended to be used
 - Easier handover tracking list for Manager and Owner
- **Discoverability, Reusability and Harmonization**
 - With up-to-date and correct key words in Name and Description fields, finding applications providing required functionality becomes easy
 - With correct details of Manager/Owner in application, everyone will know whom to approach if they wish to re-use the application
 - With correct details, it becomes easier for BCAs/EAs to find applications providing similar functionality and work towards harmonizing the application landscape (if possible) to move to a single application, resulting in application count reduction and possible license savings
- **Strategy and Compliance**
 - With correct application attributes in place, correct list of applications become part of Strategy Initiatives or based on available data informed strategies can be initiated e.g., Accelerate 1100 has set a criteria to select applications in scope, in-correct information could result in incorrect inclusion/exclusion of application in the program
 - In case of any compliance issues, respective teams will know whom to reach out to get the issues fixed in timely manner

Data Certification Activities Overview



1. Multiple Training Sessions for all IT Application Managers covering all time zones along with Supporting Documentation
 - Shared over mail in Invite
 - Available on APM Wiki and SharePoint pages
2. Launch of Data Certification activity
 - Automated notification with direct link of Certification Task in mails to IT Application Managers
 - Ask Me Anything session
 - MS Teams Group to get support for issues/queries at any time
 - Reminder mails to IT Application Managers on elapse of 50% of allotted time to complete tasks
 - Escalation mails to Organization Managers of IT Application Managers on elapse of 100% of allotted time for still open tasks
 - Tasks will remain open, & information can still be certified by IT Application Managers
 - APM Team to find correct contacts for Applications with Failed Certification and update it in APM
 - If no contacts are found, application will be marked as Retired

APM Scope : What should be registered?

What should be registered in EnergyNow APM?

Should be registered
Standalone Tool/ Software (Free/Paid) e.g. Adobe Products, Managed Cloud, Citrix, ACP Web Tool, COMOS
All Third-Party Softwares
SaaS Solutions (Free/Paid)
Platform Host (Free/Paid) e.g., Mendix, Alfresco, Tableau, SnapLogic
Platform Application/Application Components only when (Data/ Contract) ownership differs from the Host/ Main application.
External Subscriptions (e.g., Government Portals, Weather Data, GBS Hosted and Managed Applications)
In general, anything for which the organization pays license or maintenance cost
Homegrown (In-House Built) Tools and Applications
Any paid Add-In's or Components for existing software (browser, SharePoint)
Reports that is processing data which is pushed to Data Source or/and output is generated (something different than data input)
Mobile Applications (even if web version is registered already)

What shouldn't be registered in EnergyNow APM?

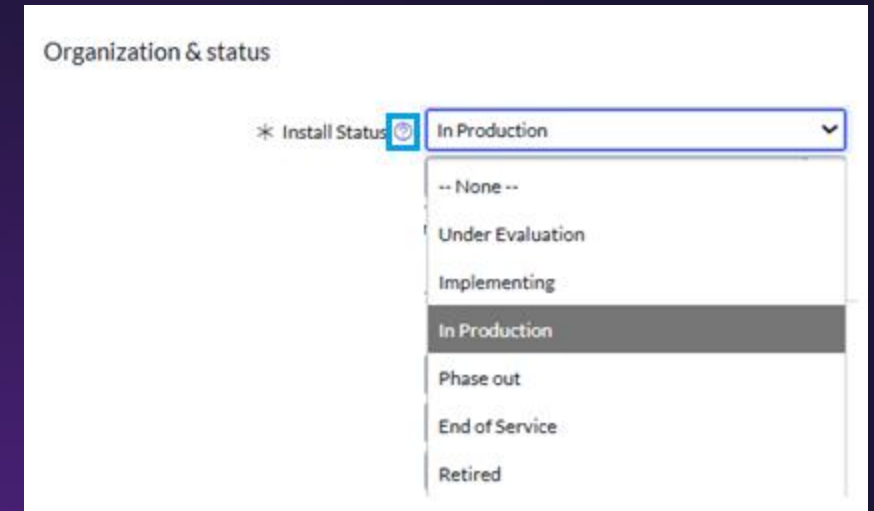
Should NOT be registered
Technology Services e.g., Operating System, Databases, Virtual Machines
Hardware/Appliances (Physical or Virtual) e.g., Laptop, Computer, Servers, Mobile Devices
Components/Applications that come along with out of the box with Cloud, Servers. E.g., IIS, Windows Job Schedulers
Network Items e.g., Firewalls, File Shares
Services (bunch of applications underneath it)
Web APIs
Reports/Dashboards - Only to Visualize data and No Data processing/Write Back involved
Excel based tools
Cloud Native Services
Automation bots (e.g., UI Path), Agentic AI & AI Agents

Note : For Cloud Accounts or corner case scenarios consult APM Team for clarification.

Data Certification : In Scope : Install Status

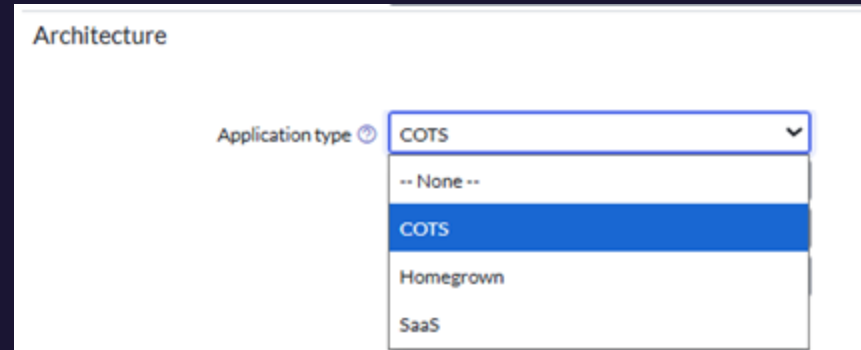
Install Status : Mandatory : of the application (help text available on form, if hovered over blue highlighted question mark)

- **Under Evaluation** – Application analysis is in progress and decision to use is pending.
- **Implementing** – Application Development/ Setup is in progress and is not available to use
- **In Production** – Application is available to use for all eligible users
- **Phase Out** – Application that is being phased out; will be removed in near future or will be replaced by another application providing same or enhanced functionality. Still Available for Users.
- **End of Service** – Application is not available for Active use and is available only due to Legal/ Compliance/ Contractual Reasons to very specific & limited users
- **Retired** – Application (Deployed Components & Packages) and it's related Hardware/Assets/CIs have been removed/released and Application is not available for anyone



The screenshot shows a web form titled "Organization & status". Within this form, there is a field labeled "Install Status" with a blue question mark icon to its right. A dropdown menu is open, displaying the following options: "-- None --", "Under Evaluation", "Implementing", "In Production" (which is highlighted with a dark grey background), "Phase out", "End of Service", and "Retired".

Data Certification : In Scope : Application Type



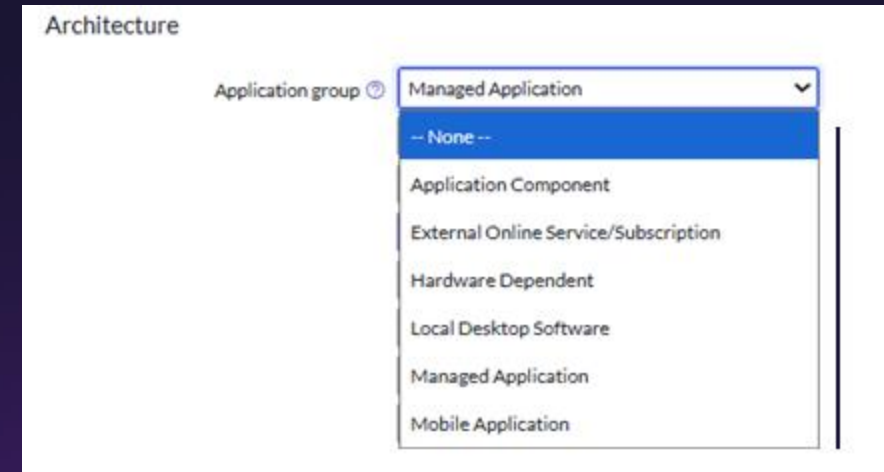
The screenshot shows a web form titled 'Architecture'. Within the form, there is a label 'Application type' followed by a dropdown menu. The dropdown menu is open, displaying four options: '-- None --', 'COTS' (which is highlighted in blue), 'Homegrown', and 'SaaS'. The 'COTS' option is currently selected.

- **Application Type : Mandatory** : Type of Application to describes how the application is built, hosted, and managed.
 - **Homegrown**
 - SE owns and controls the source code of the application
 - Hosting is typically on SE infrastructure (on-prem or SE cloud), if hosting is required
 - **SaaS**
 - Software is hosted and operated by the provider
 - Delivered over the internet
 - SE can configure the application, but does not control the source code
 - **COTS**
 - Ready-made commercial software
 - Used as-is, with no customization
 - SE does not own the source code
 - Can be hosted:
 - On SE infrastructure, or
 - On external provider infrastructure

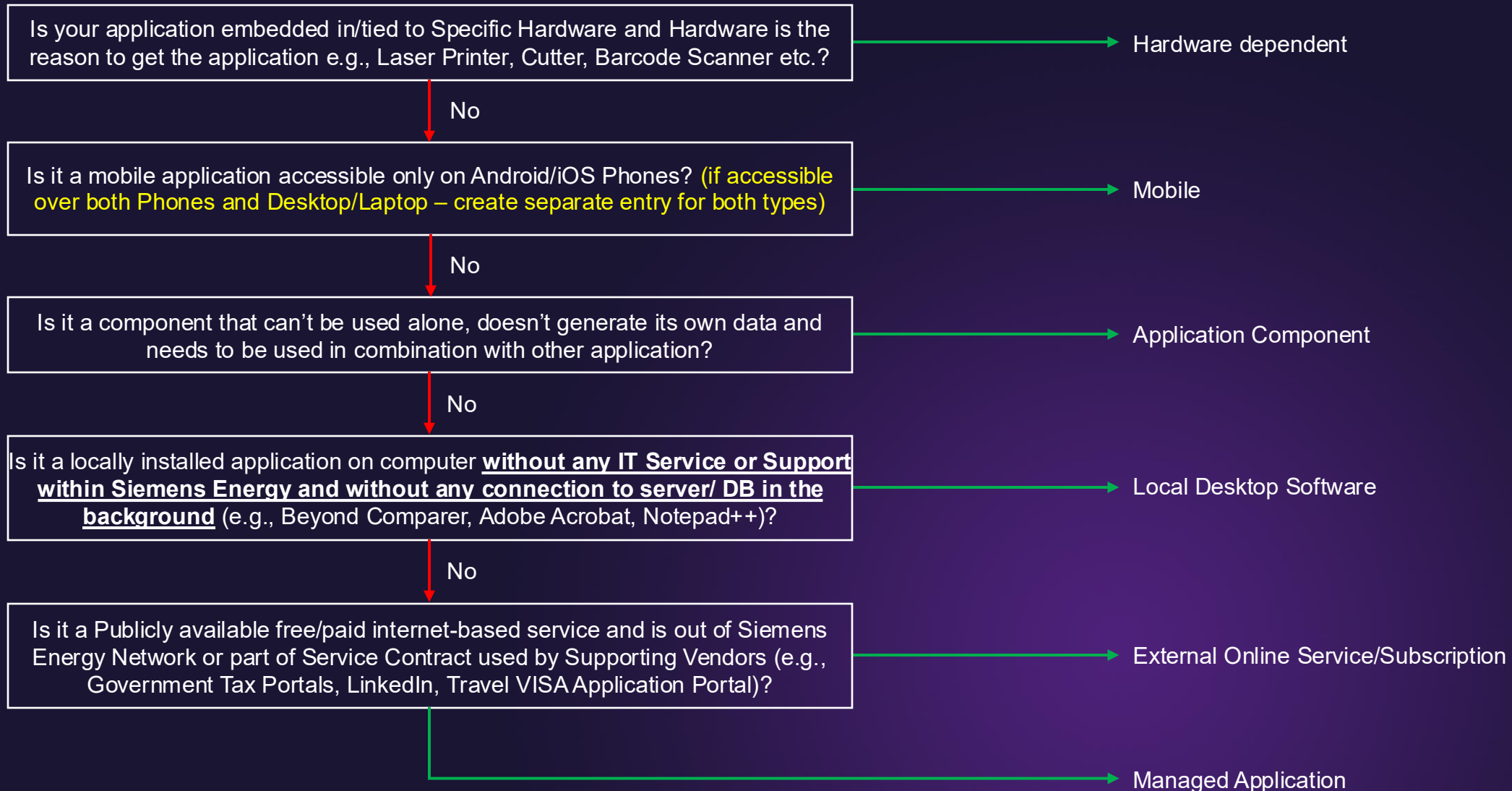
Data Certification : In Scope : Application Group

Application Group : **Mandatory** : Structure of the components of the application.

- **Application Component** - A software that performs a specific function within a larger application. These components enhance the overall application but do not operate independently. They do not generate their own data but utilize the data already available in the main application to provide additional functionality, e.g., the spell checker or grammar tool within MS Word.
- **External Online Service/ Subscription** - Software Services provided by:
 - external companies, such as Gartner, D&B, and Governmental Portals, which our organization subscribes to. These services do not require the processing of our organization's data.
 - third-party vendors as part of their service contracts, including companies like Infosys, GBS, Capgemini, and Accenture.
- **Managed Applications** - An application is considered a Managed Application if one or more of the following conditions apply:
 - The application is hosted on infrastructure managed by the organization
 - The organization provides operational support and/or services for the application
 - The application processes organizational data, irrespective of whether it is hosted internally or by an external provider
- **Local Desktop Software** - A software that is installed and operated locally/ directly on an end-user's device (desktop or laptop), is not organization-specific, and has no active application or IT Service management (may still use shared IT services like License and Patch management etc.) by the organization. It does not rely on internet or backend servers or services for its core functionality and does not communicate with organizational services or platforms.
- **Mobile Application** - Pure mobile applications.
- **Hardware dependent** - A software that is embedded in/runs on top of specific Hardware. Hardware has already been procured by our organization, and software is essential to make it fully functional & usable. The hardware cannot operate either at all or to its full potential without the software.



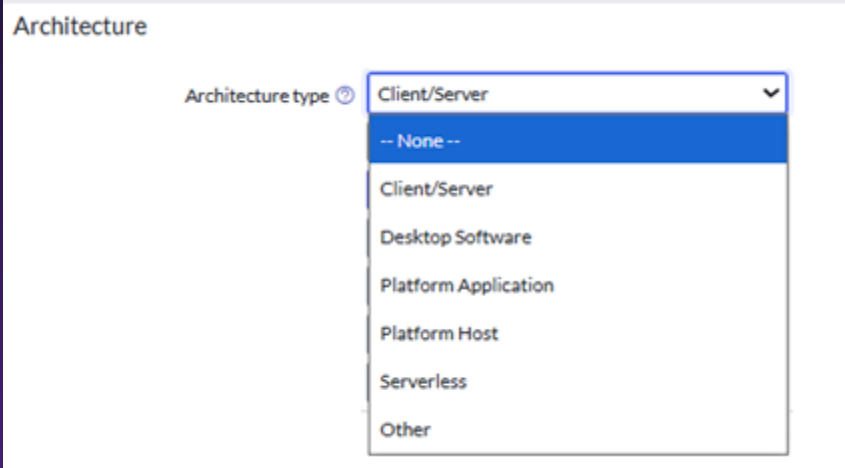
Application Group – Decision Tree



Data Certification : In Scope : Architecture Type

Architecture Type : Mandatory : describes the high-level structural design of the application and how its components are organized and interact.

- **Client/Server (thin/web and/or fat client)** - An application that is accessed via a web browser or a locally installed client and relies on backend systems—such as application servers, databases, or internet-hosted services—to deliver its core functionality
- **Desktop Software** – application that needs Local client installation, not connecting with any DB/ Server in the backend, e.g.. Acrobat Reader, Chrome
- **Platform Host** - A software providing environment to Develop and Host new applications within (e.g., Mendix, Power Apps, DFP) or main platform record of software having multiple modules in APM, e.g., SAP FSM as Platform Host and SAP FSM - Certification/Message Broker as Platform Application
- **Platform Application** – An application having existence & execution dependency on another application (i.e., Platform Host). Basically application that runs on Platform host e.g., Mendix , Power Apps.
- **Serverless** –Either No traditional Infrastructure or No need for the application team to manage the underlying infrastructure (servers and storage) e.g., AWS Lambda, Azure Functions, GCP Functions, Cloud Native Services (Not Applicable for Desktop applications)
- **Other** - application which does not fit in any of the above



The screenshot shows a software interface with a section titled "Architecture". Below this title is a label "Architecture type" followed by a dropdown menu. The dropdown menu is currently open, showing a list of options. The first option is "Client/Server", which is highlighted in blue. Below it is a separator line, followed by "-- None --", which is also highlighted in blue. Below that are the following options: "Client/Server", "Desktop Software", "Platform Application", "Platform Host", "Serverless", and "Other".

Architecture type
Client/Server
-- None --
Client/Server
Desktop Software
Platform Application
Platform Host
Serverless
Other

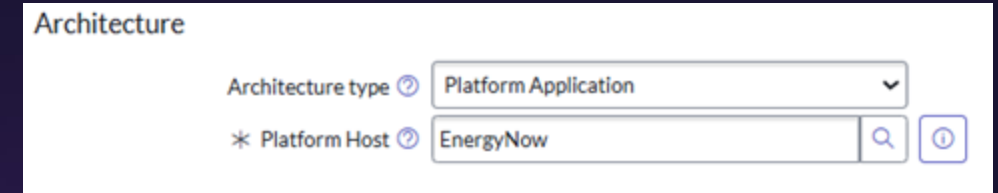
Valid Combinations of Application Group and Architecture Types

Application Group	Architecture Type
Managed Application	• Client/Server • Platform Application • Platform Host • Other • Serverless (only for Homegrown)
External Online Service/ Subscription	Client/Server
Application Component	Platform Application
Local Desktop Software	Desktop Software
Hardware dependent	• Client/Server • Desktop Software
Mobile Application	• Client/Server • Desktop Software

Data Certification : In Scope : Platform Host, Allocation/ Install Type, Cloud Provider(s)

Platform Host: **Mandatory, only if Architecture Type = Platform Application:** Application providing Development and Hosting environment for other Applications.

- For an application to be available in Platform Host field, value of **Architecture Type** field of that application must be **Platform Host**



Architecture

Architecture type ⓘ Platform Application ▼

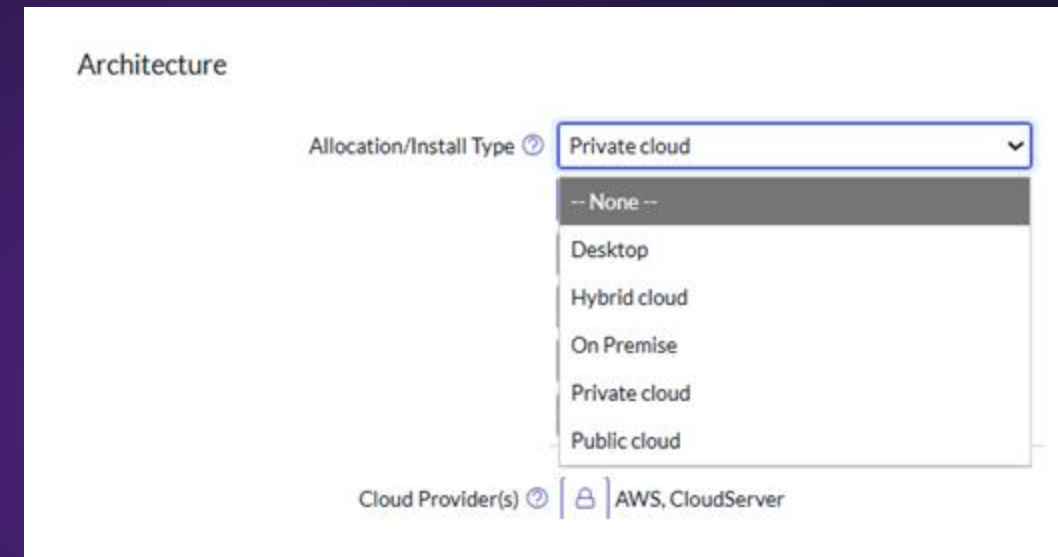
* Platform Host ⓘ EnergyNow 🔍 ⓘ

Allocation/Install Type: **Mandatory** : Location of the hosting/ installation of the Application.

- Desktop:** Application is installed on the Client/Local Machine. Accessible from an icon on Desktop
- Public cloud:** Application is hosted on server(s) which could be shared across multiple organizations/consumers and infrastructure is provided & Managed by Third-party/Cloud Provider.
- Private cloud:** Application is hosted on dedicated server(s) used only to host applications of our organization and infrastructure is provided & Managed by Third-party/Cloud Provider.
- On Premise:** Application is hosted on servers located on the premises of the organization and is owned & managed by our organization
- Hybrid cloud:** Application is hosted in combination of On-Premise/Public/Private Clouds

Cloud Provider(s): **Mandatory, if Architecture Type ≠ Desktop:** Cloud service provider(s) used for hosting the application.

- Multi-select field
- All major cloud providers available as selectable options



Architecture

Allocation/Install Type ⓘ Private cloud ▼

- None --
- Desktop
- Hybrid cloud
- On Premise
- Private cloud
- Public cloud

Cloud Provider(s) ⓘ 🔒 AWS, CloudServer

Data Certification : In Scope : Operating System/ Platform, Technology Stack, Java JDKs in Use, Database

Operating System/ Platform: **Mandatory, if Application Group = Local Desktop Software OR Application is Hosted by SE:** Operating environment of Application/ Host/ Container e.g., Windows, Linux, Unix

Technology Stack: **Mandatory, if Application Type = Homegrown :** Technology Stack used to build the application.

- **Select Java, even If multiple technologies are in use and Java is one of them**
 - This is to be done to support ongoing Oracle dry out initiative

Java JDK(s) in Use: **Mandatory, if Technology Stack = Java:** Java Development Kits (JDKs) used to develop the application.

- Multi-select field
- All major JDKs available as selectable options
 - This is to be done to support ongoing Oracle dry out initiative

Database: **Mandatory, if Application has DB and it is managed by Organization Application Team:** Database (DB) used for storing data generated and/ or processed within the application. .

- **Select Oracle, even If multiple DBs are in use and Oracle is one of them**
 - To support Oracle dry out initiative
- **None value in this field means that application does not have a DB**

Architecture

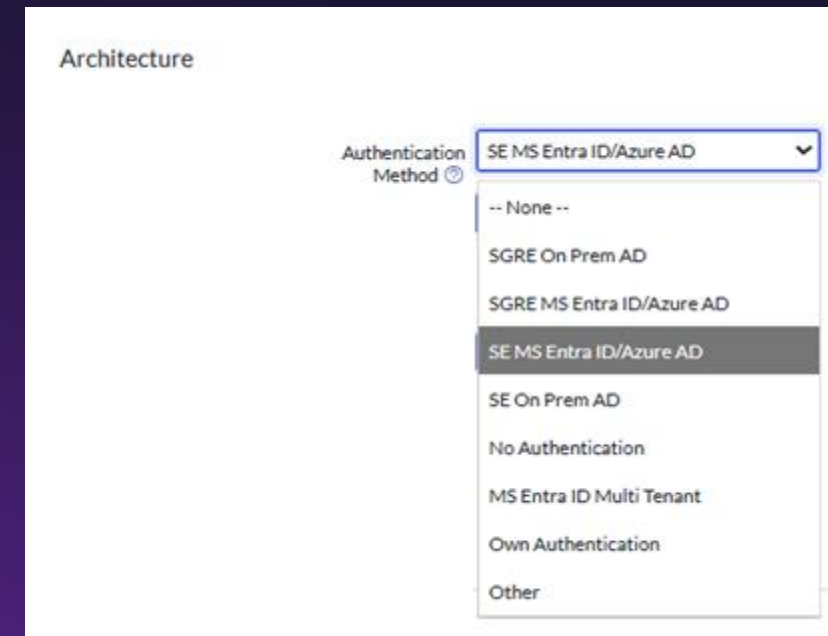
Operating System/Platform ⓘ	Windows ▼
Technology stack ⓘ	Java ▼
Java JDKs in Use ⓘ	Oracle JDK, Eclipse Adoptium (Temurin)
Database ⓘ	Oracle ▼

Data Certification : In Scope : Authentication Method

Authentication Method : **Mandatory** : Method used by production environment of Application to authenticate users.

- **SE MS Entra ID/Azure AD**: User authentication is performed via Siemens Energy Entra ID (formerly Azure AD) using SAML, OpenID Connect, or OAuth2. Users log in using their standard Siemens Energy account credentials.
- **SE On Prem AD**: User authentication is performed via Siemens Energy on-premises Active Directory. Integration is typically done using Kerberos or LDAP/LDAPS (Lightweight Directory Access Protocol).
- **SGRE MS Entra ID/Azure AD**: User authentication is performed via the legacy Wind Power Entra ID (formerly Azure AD) using SAML, OpenID Connect, or OAuth2. *Applicable only to Wind Power applications.*
- **SGRE On Prem AD**: User authentication is performed via the legacy Wind Power on-premises Active Directory. Integration is typically done using Kerberos or LDAP/LDAPS. *Applicable only to Wind Power applications.*
- **MS Entra ID Multi Tenant**: User authentication is performed via multi authentication (Multi tenant) e.g., Siemens Energy Entra ID and additionally external customer / provider Entra ID.
- **No Authentication**: User authentication (username and password) is not required. The application does not identify or distinguish users.
- **Own Authentication**: User authentication is handled internally by the application using its own user credentials (e.g., username and password) and does not rely on SE or WP identity systems.
- **Other**: User authentication is implemented using a different method that does not fit into any of the options listed above.

Note: This field is very important (specially for WP Applications) to support initiative to move all (possible) applications to SE Authentication Methods.



Data Certification : In Scope : Used In Department

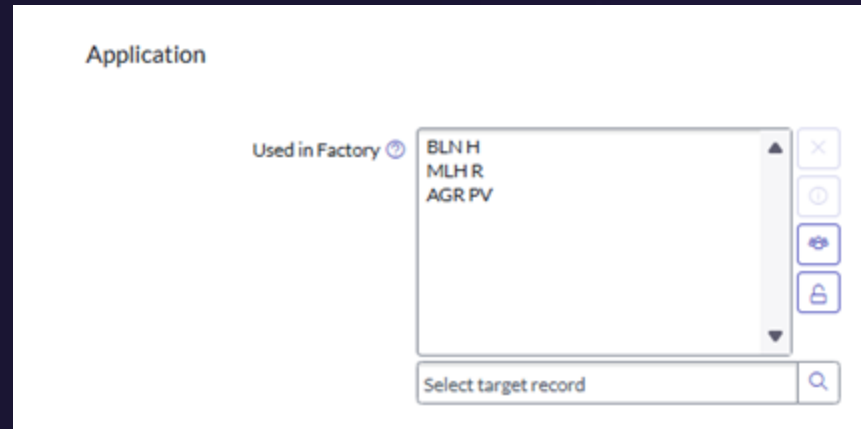


The screenshot shows a web interface with a section titled 'Architecture'. Below this title is a label 'Used In Department' followed by a multi-select dropdown menu. The dropdown menu is open, displaying a list of department codes: 'SE WP OF', 'SE WP ON', 'SE FIN WP', 'SE GT BS', and 'SE GS EU&AF'. To the right of the dropdown list are four icons: a close button (X), a refresh button (circular arrow), an eye icon, and a lock icon. Below the dropdown list is a search bar with the placeholder text 'Select target record' and a magnifying glass icon.

Used in Department : Mandatory : Departments actively/ expected to use the application. Options are restricted to N-2 Level e.g., SE GS PRM, SE GT PRM, SE WP, OF, SE TI STG, SE DC.

- Multi-select field
- If some departments are expected to be onboarded to your application in current FY, then even those departments' information must be included in this field
- This field reveals if an application is used by single or multiple departments, aiding in understanding its enterprise footprint.
- **How to get this information?:** Use the Department information of colleagues having access to your application.

Data Certification : In Scope : Used In Factory



The screenshot shows a web interface for an 'Application' form. The 'Used in Factory' field is a multi-select dropdown menu. It is currently open, showing a list of three options: 'BLN H', 'MLH R', and 'AGR PV'. To the right of the list are four icons: a close button (X), a refresh button (circular arrow), a search button (magnifying glass), and a lock button (padlock). Below the list is a search bar with the placeholder text 'Select target record' and a magnifying glass icon.

Used in Factory : Mandatory : Location of manufacturing factory sites using the application.

- Multi-select field
- This field reveals if an application is used by single or multiple factories, aiding in understanding its enterprise footprint and criticality of the application to the organization

Data Certification : In Scope : AI Capability and AI Area

GenAI/ AI/ ML Capabilities : **Mandatory** :

- **Yes**, if Application is providing services powered by Artificial Intelligence (AI)/ GenAI/ Machine Learning (ML), and SE plans on using AI/ GenAI/ ML powered services.
- **No**, Otherwise

AI Area: **Mandatory, if values of above field is Yes** : Area of GenAI/ AI/ ML capability used or provided by the application

- **Risk, Reliability & Probabilistic Decision Analytics**: System-level risk modeling, reliability engineering, lifespan probability, and decision-making under uncertainty.
- **Neural Networks & Deep Learning**: Core architectures and applications, including transformers, reinforcement learning, physics-informed AI, distributed AI, privacy-preserving models, and real-time, decentralized, autonomous AI applications.
- **Computer Vision**: Image analytics applications, image processing, and other computer vision-based AI applications.
- **Optimization Techniques**: Multi-objective, robust, and derivative-free optimization for AI-driven systems.
- **Time Series & Anomaly Detection**: Forecasting, anomaly detection, and temporal feature engineering.
- **Generative AI & Natural Language Processing**: Knowledge extraction & reasoning, intent recognition, text/image/audio/video synthesis, multi-modal AI.

The screenshot shows a form titled "Application" with two dropdown menus. The first menu, "GenAI/AI/ML Capabilities", has a blue border and a dropdown arrow, with "Yes" selected. The second menu, "AI Area", also has a blue border and a dropdown arrow, with "Generative AI & Natural Language Processing" selected. Both menus show a list of options: "-- None --", "Yes", "No" for the first; and "-- None --", "Risk, Reliability & Probabilistic Decision Analytics", "Neural Networks & Deep Learning", "Computer Vision", "Optimization Techniques", "Time Series & Anomaly Detection", and "Generative AI & Natural Language Processing" for the second.

[AI Governance SharePoint](#)

Data Certification : In Scope : Manager & Owner Fields

The screenshot shows a web form titled 'Owners' with two main sections: 'Business owner' and 'IT Application Manager'. In the 'Business owner' section, the field '* Business owner' is highlighted with a red box. Below it are fields for 'Department' and 'Email'. Similarly, in the 'IT Application Manager' section, the field '* IT Application Manager' is highlighted with a red box, followed by 'Department' and 'Email' fields. Each field has a magnifying glass icon for search and an information icon.

Business Owner : **Mandatory**

Description

- Key stakeholder of the application
- Normally a person from outside the IT organization that owns and pays for the application.
- Contact person for business related questions regarding the application

Obligations

- Ensures the information and data about the business application is up to date.
- Create requests for new Business Application
- Completes ACP Process for application
- Ensures all applicable compliances are completed for application
- Completes Assessment of Business Applications to provide business-value and fit information
- Supports data quality improvement initiatives and cleanup activities, when required

IT Application Manager : **Mandatory**

Description

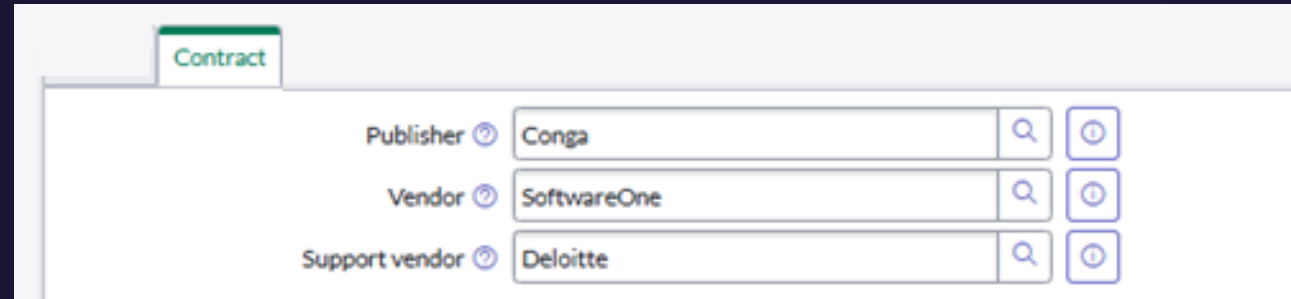
- Responsible for the delivery of the application
- Normally a person from the IT organization that is responsible for the delivery of the Application
- Contact person for IT related questions regarding the application

Obligations

- Maintains application technical, operational and organizational attributes, ownership details
- Manages Application Service using the APM [catalog](#)
- Maintains Application Service and their relationships to infrastructure (CIs) using the APM [catalog](#)
- Maintains application relationships to Business Capabilities and other applications using the APM [catalog](#)
- Completes compliance activities initially and at regular intervals
- Supports enterprise initiatives to improve compliance and data quality e.g., Data Certification, clean up initiatives
- Retires Business Application when application reaches end of life

Note : Raise APM Manager access request as mentioned on [APM SharePoint](#) in case of any access issues.

Data Certification : In Scope – Contract Fields



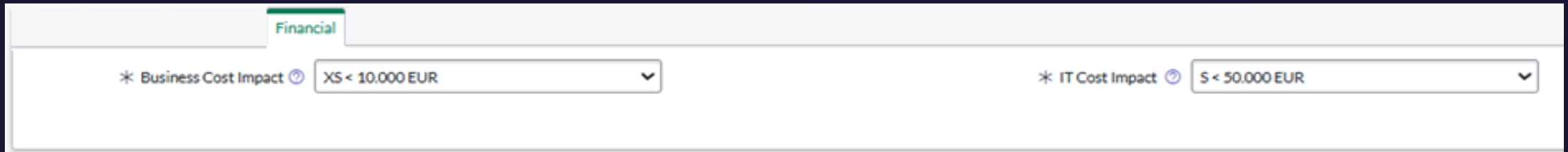
The screenshot shows a web interface for a 'Contract' form. It has three input fields, each with a search icon and an information icon to its right. The fields are labeled 'Publisher', 'Vendor', and 'Support vendor'. The values entered are 'Conga', 'SoftwareOne', and 'Deloitte' respectively.

Field	Value
Publisher	Conga
Vendor	SoftwareOne
Support vendor	Deloitte

- **Publisher : Mandatory, if Application Type ≠ Homegrown** : Manufacturing Organization of the application
- **Vendor : Mandatory, if Application Type ≠ Homegrown** : Organization that distributes the tool/application
- **Support Vendor : Mandatory, if Application is supported by Third-party Vendors like Microsoft, GBS, Infosys, TCS etc. :** Organization who supports the application on day-to-day basis

Note: Share the missing Publisher/ Vendor/ Support Vendor with APM Team to make them available

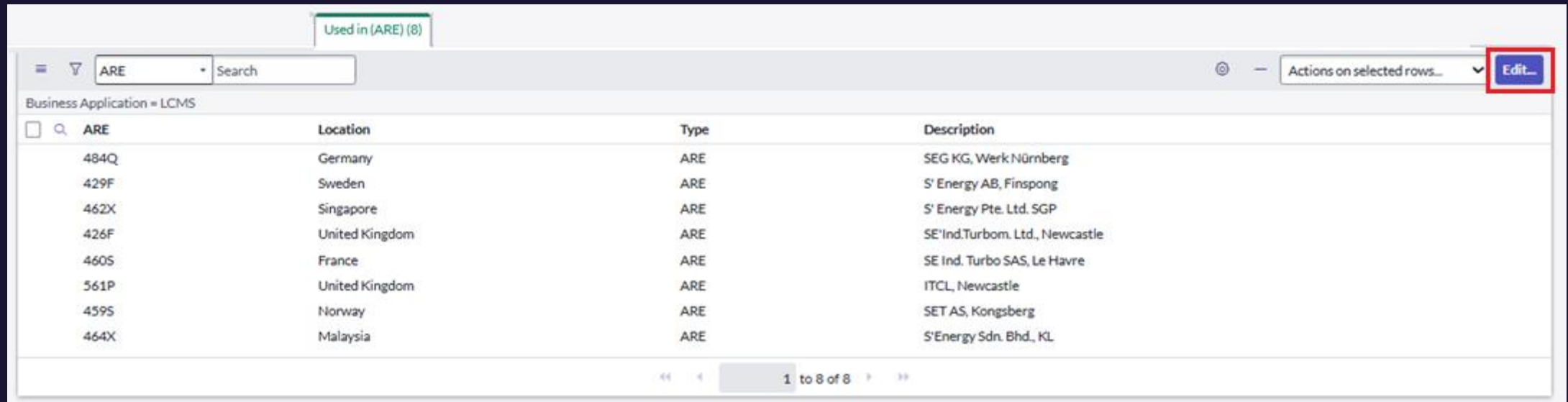
Data Certification : In Scope : Financial Fields



The screenshot shows a web interface with a 'Financial' tab. Below the tab, there are two dropdown menus. The first is labeled '* Business Cost Impact' with a help icon and is set to 'XS < 10.000 EUR'. The second is labeled '* IT Cost Impact' with a help icon and is set to 'S < 50.000 EUR'.

- **Business Cost Impact : Mandatory** : T-shirt size of yearly Business cost of the application **(Excluding One-time development/set-up costs)**
 - Costs incurred by departments outside SE DC
- **IT Cost Impact : Mandatory** : T-shirt size of yearly total DC cost of the application including operations, licenses and infrastructure **(Excluding One-time development/set-up costs)**
 - Costs incurred by SE DC departments
- The options listed below are common to both drop-down fields.
 - 0 EUR
 - XS < 10.000 EUR
 - S < 50.000 EUR
 - M < 100.000 EUR
 - L < 250.000 EUR
 - XL < 500.000 EUR
 - XXL >= 500.000 EUR

Data Certification : In Scope : Used In ARE



Used in ARE (8)

ARE Search

Business Application = LCMS

ARE	Location	Type	Description
484Q	Germany	ARE	SEG KG, Werk Nürnberg
429F	Sweden	ARE	S' Energy AB, Finspong
462X	Singapore	ARE	S' Energy Pte. Ltd. SGP
426F	United Kingdom	ARE	SE'Ind.Turbom. Ltd., Newcastle
460S	France	ARE	SE Ind. Turbo SAS, Le Havre
561P	United Kingdom	ARE	ITCL, Newcastle
459S	Norway	ARE	SET AS, Kongsberg
464X	Malaysia	ARE	S'Energy Sdn. Bhd., KL

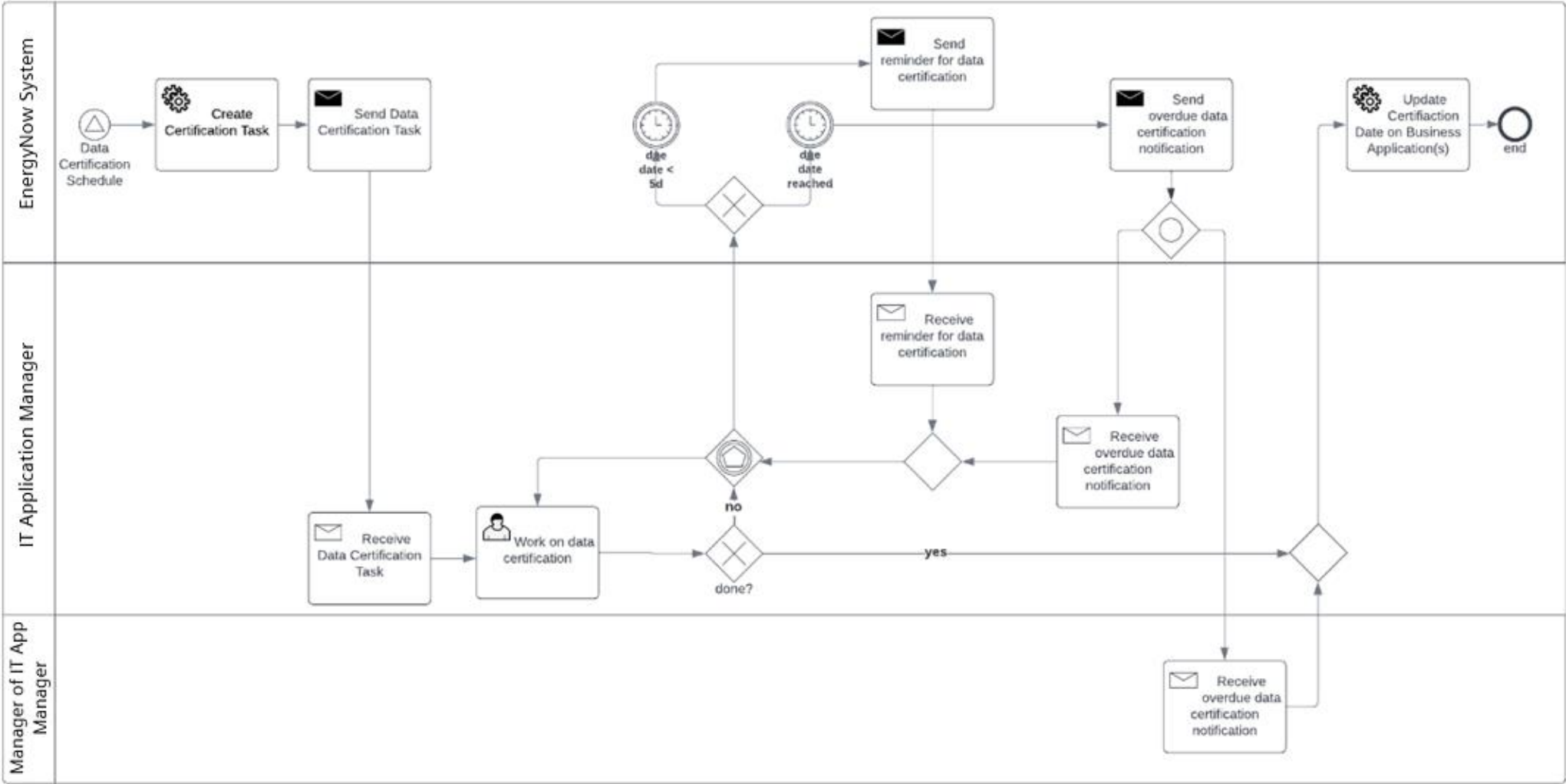
1 to 8 of 8

Actions on selected rows... Edit...

- **Used in ARE : Mandatory** : captures the ARE(s) where the application is actively used.
 - *If there is no relation between Application and ARE, it means that application is an Outbound application (generally such applications are from SE DPS).*
 - **Outbound Application** – Application provided by SE to external customers as Service or Product.
 - **How to manage relations?** : Click on **Edit** button, highlighted within Red box
 - Move the AREs from Left to Right to create relations
 - Move the AREs from Right to Left to remove relations

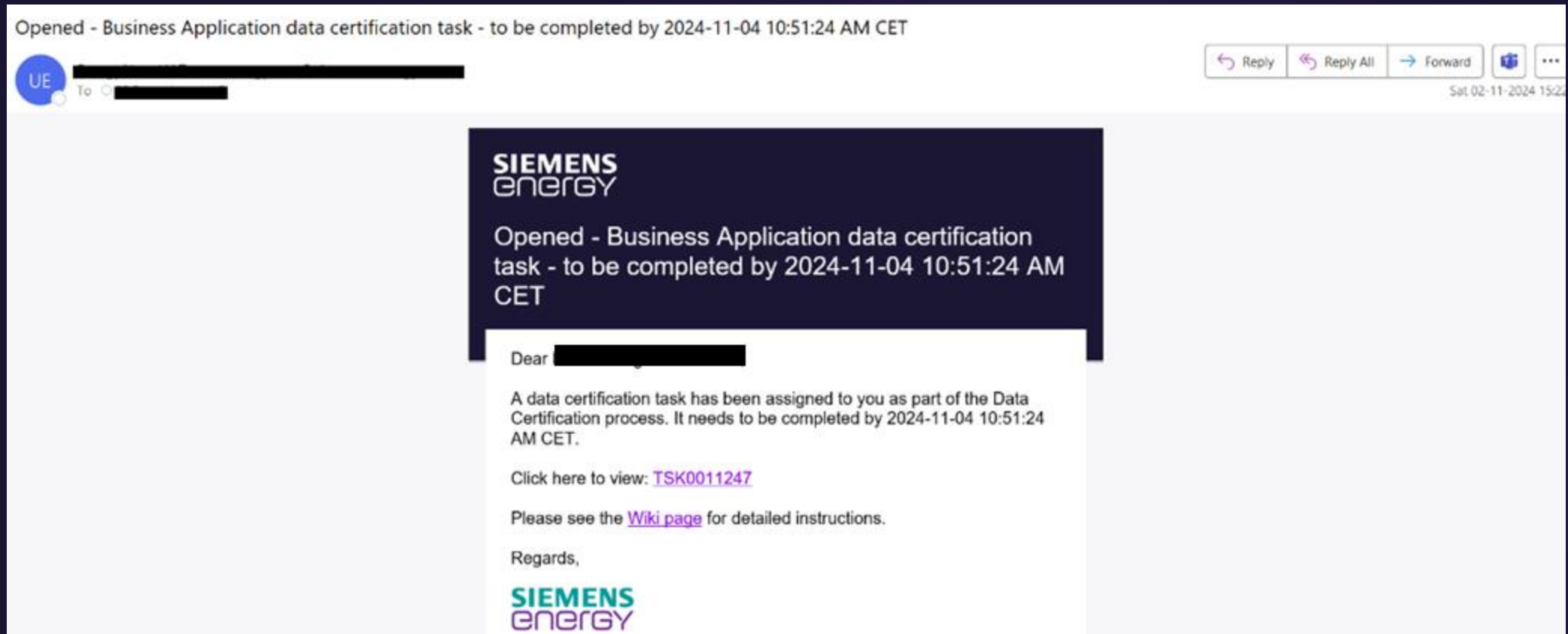
Note: Data Quality for this relation is very low and this information is of utmost importance to support organization initiatives .

Data Certification - Workflow



Data Certification - Notification Email

- Notification Email is sent out immediately when Data Certification activity is Triggered.
- Similar reminder email will be sent when 50% of the allotted time has passed, & the certification task remains open.



Data Certification - Escalation Email



An escalation email is sent to the Organization Manager of the IT Application Manager when allotted time to complete certificated has elapsed, and the certification task remains open.

Escalation - A data certification task was not completed

UE

To

Reply

Reply All

Forward

Mon 04-11-2024 15:22

SIEMENSenergy

Escalation - A data certification task was not completed

Dear

A data certification task that was assigned to is overdue. It was to be completed by 2024-11-04 10:51:24 AM CET.

Kindly help in completing the task at earliest.

Click here to view this certification task: [TSK0011247](#)

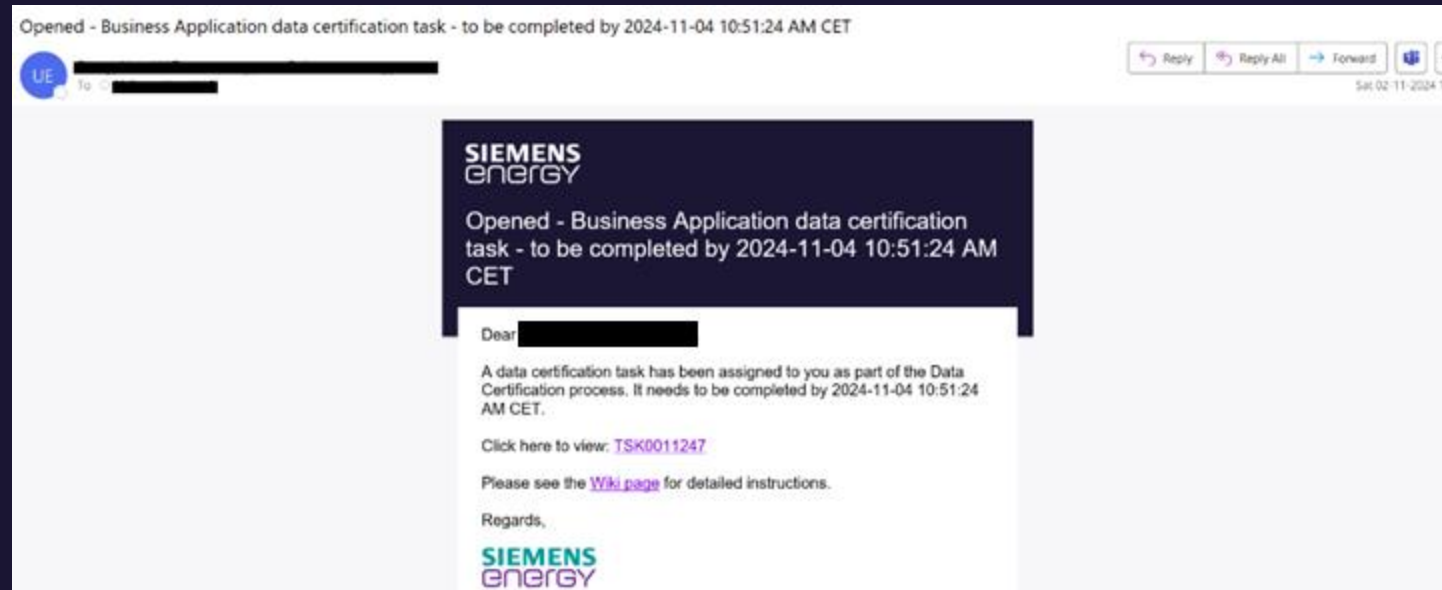
Regards,

SIEMENSenergy

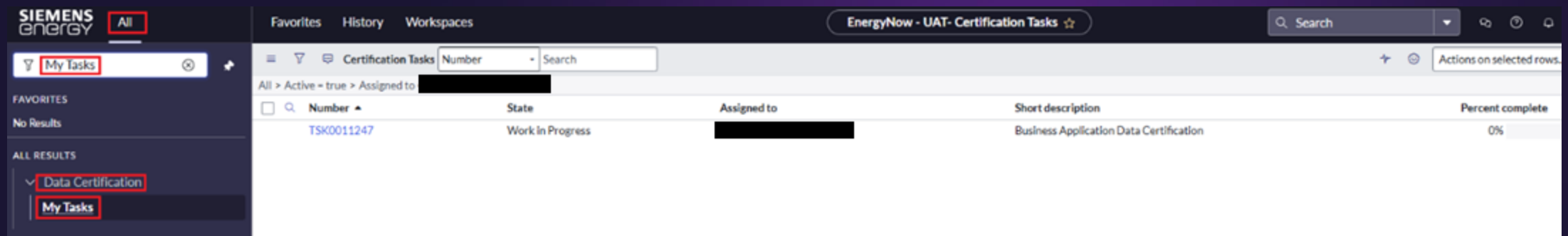
SE IT

How to get to Data Certification Task

- Direct Link of Certification Task in Notification Email



- Through My Tasks search in EnergyNow



How to Complete Data Certification

1. Certify/ Modify Field One by One within Data Certification Task *(Not possible for Multi-Select fields)*

Certifications required for Certification Task TSK0011247 [\(toggle help\)](#)
Please ensure data completeness and accuracy of the data related to Business Applications for which you are identified as the Application Owner.

Optional comment for checked elements   Show Pending Records ▾

Business Applications for text Search

All

☐	Number	Legacy ID	☐ Name	☐ Description	☒ Install Status	☐ Application type	☐ Application group	☐ Architecture type	☐ Install type	☐ Platform	☐ Technology sta
☐	APM0001785	746	☐ COMOS Platform	☐ CMMS for Araucaria Project	☒ In Production	☒ COTS	☒ External Online Service/Subscription	☒ Client/Server	☐ Desktop	☐ Windows	☐
☐	APM0001845	2363	☐ Cobra Information System (CIS+)	☐ Cobra Information System CIS+ is an appl...	☒ In Production	☐ Homegrown	☐ Managed Application	☐ Client/Server	☒ On Premise	☐ Windows	☐ .net

1 to 2 of 2

2. Validate/ Modify information directly in Business Application and Certify Application in Certification Task

Certifications required for Certification Task TSK0011249 [\(toggle help\)](#)
Please ensure data completeness and accuracy of the data related to Business Applications for which you are identified as the Application Owner.

Optional comment for checked elements   Show Pending Records ▾

Business Applications for text Search

All

Structure of the components of the application -
COTS: Used 'as-is' commercial off-the-shelf software / tool - Homegrown: SE self-developed software / tool - SaaS: Software as a Service delivery and licensing through a subscription

Select entire row

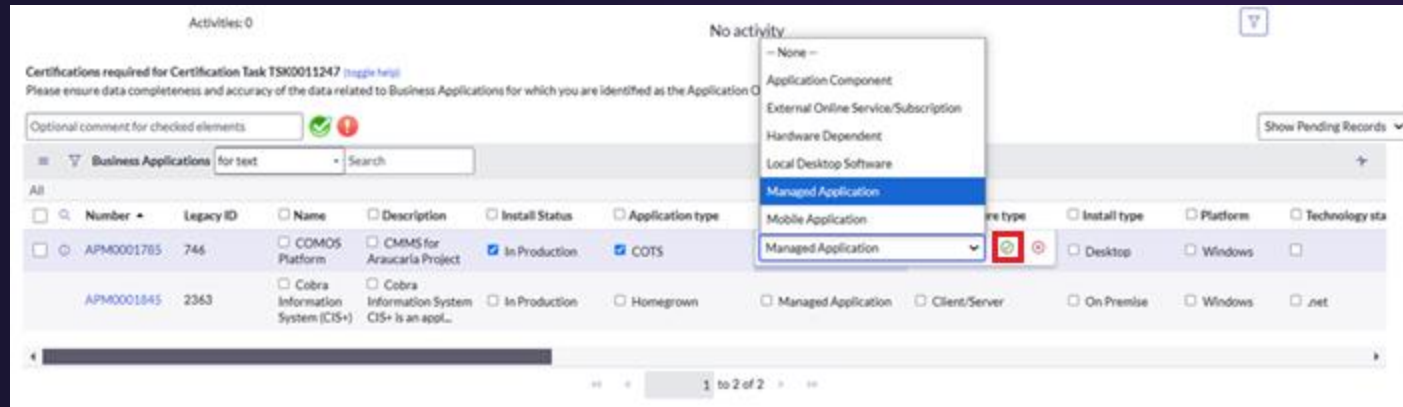
☒	Number	Legacy ID	☒ Name	☒ Description	☒ Install Status	☒ Application type	☒ Application group	☒ Architecture type	☒ Install type	☒ Platform	☒ Technology sta
☒	APM0001845	2363	☒ Cobra Information System (CIS+)	☒ Cobra Information System CIS+ is an appl...	☒ In Production	☒ Homegrown	☒ Managed Application	☒ Client/Server	☒ On Premise	☒ Windows	☒ .net

1 to 1 of 1

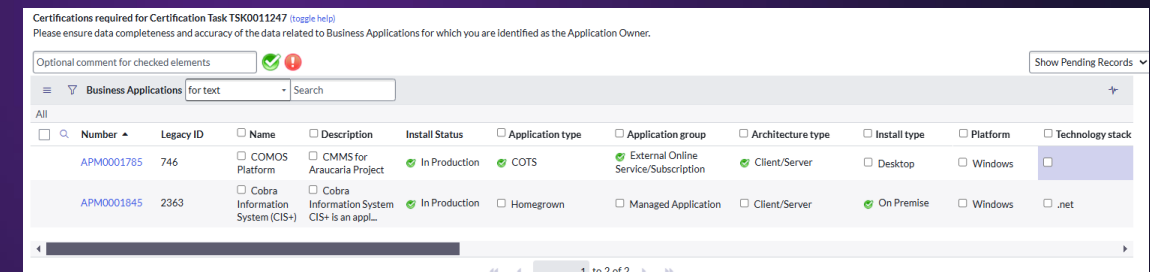
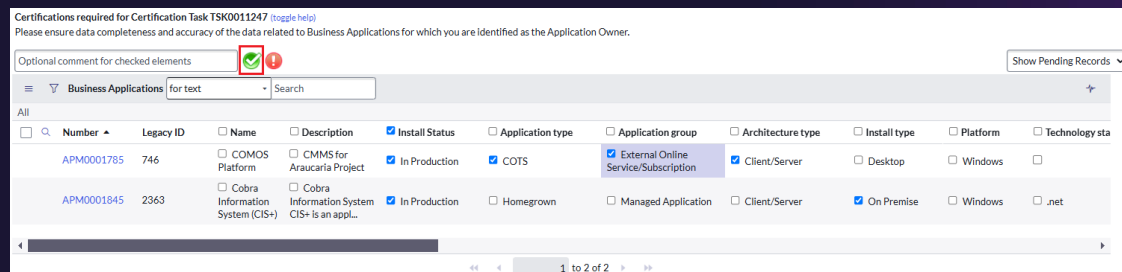
Note: Hovering over column name will display the help text of the field as shown in above screenshot.

Data Certification - Pass – Certify/Modify within Task

1. Tick the checkbox to indicate that available information in the field is correct
2. If any value needs to be changed, double-click on the value. Depending on the type of the field, different options of update will be shown (Drop-down/ text box/ Search). After updating value, click on green (highlighted) option to save the change. Use horizontal scroll bar to access fields on the right.



3. Click on the Green (highlighted) button to store Data Certification progress.



Data Certification - Pass – Validate/Modify in Application Form & Certify in Task

1. Click on APM Number to go to Application entry in APM

Certifications required for Certification Task TSK0011249 (toggle help)
Please ensure data completeness and accuracy of the data related to Business Applications for which you are identified as the Application Owner.

Optional comment for checked elements   Show Pending Records ▾

Business Applications for text Search

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☐	Number	Legacy ID	☐ Name	☐ Description	☐ Install Status	☐ Application type	☐ Application group	☐ Architecture type	☐ Install type	☐ Platform	☐ Technology sta
☒	APM0001845	2363	☐ Cobra Information System (CIS+)	☐ Cobra Information System CIS+ is an appl...	☐ In Production	☐ Homegrown	☐ Managed Application	☐ Client/Server	☐ On Premise	☐ Windows	☐ .net

1 to 1 of 1

2. Verify/Modify the attributes of Applications and click on Update button to save your changes, if any (screenshot doesn't show all the in-scope fields).

Business Application Cobra Information System (CIS+)

Organization & status

Name: Cobra Information System (CIS+) Number: APM0001845
Portfolio: Legacy ID: 2363
Department: SE DC DTO EA
Application category: Product Lifecycle
Install Status: In Production
Description: Cobra Information System CIS+ is an application that handles information of projects during their life-cycle, to support the company process management, this let you design, implement, track, measure and improve business processes. Currently it has integrated modules covering the different stages of product life-cycle, receipt of the order, design, manufacturing, delivery and customer service support at site.
The Project Management module known as PM for short is a subset of functionality that deals mainly with requirements management as well as some metrics and tools.

Architecture

Application family: Solution / System
Application type: Homegrown
Application group: Managed Application
Architecture type: Client/Server
Install type: On Premise
Platform: Windows
Technology stack: .net
Local application: Yes
Application strategy: Tolerate
Strategy reason: Ensure Data Access
Application strategy due date:
Application strategy status: Draft
Replace by:
M&A strategy: -- None --
M&A contract information
Authentication Method: -- None --

Application

User base: 100-499
Active user count: 200
Last Data Certification date: 2022-11-16 01:00:25 PM

3. Select all the fields in one go in task & click on the Green button to store Data Certification progress.

Certifications required for Certification Task TSK0011249 (toggle help)
Please ensure data completeness and accuracy of the data related to Business Applications for which you are identified as the Application Owner.

Optional comment for checked elements   Show Pending Records ▾

Business Applications for text Search

All

☐	Number	Legacy ID	☒ Name	☒ Description	☒ Install Status	☒ Application type	☒ Application group	☒ Architecture type	☒ Install type	☒ Platform	☒ Technology sta
☒	APM0001845	2363	☒ Cobra Information System (CIS+)	☒ Cobra Information System CIS+ is an appl...	☒ In Production	☒ Homegrown	☒ Managed Application	☒ Client/Server	☒ On Premise	☒ Windows	☒ .net

1 to 1 of 1

3. In some cases, correct IT Application Manager information might be known to current (& incorrect) IT Application Manager. If known, APM Team would request your support to either update the correct name in **Work Notes** section of the task or reach out to APM Team to route the task to correct Manager as it will save us follow-up time.

Work notes

Work notes

Post

Activities: 1

APM0000045: Incorrect assignment, not aware of new manager

APM0000050: stachkura@siemens-energy.com is the new manager

Work notes • 2024-12-03 06:40:40 AM • % Translate

Certification data for Certification Task T9K0011253

Business Applications for text Search													
All													
☐	Number	Legacy ID	Name	Description	Install Status	Application type	Application group	Architecture type	Install type	Platform	Technology stack	Local applicat	
☒	APM0001788	746	COMOS Platform	CMMS for Assetable Project	In Production	COTS	External Online Service/Subscription	Client/Server	Desktop	Windows		Yes	
☒	APM0001943	2363	Cobra Information System (CIS+)	Cobra Information System CIS+ is an appl.	In Production	Homegrown	Managed Application	Client/Server	On Premise	Windows	.net	Yes	
☒	APM0000059	APM0005881	Siemens COMOS @ SE(US)	COMOS is a S.E. hosted solution used by ...	In Production	COTS	Managed Application	Other	Public cloud				

Data Certification – Task Completion



- 1. Percent Complete field gets updated automatically as you progress with Certification of various attributes for your application(s) within the task.
- 2. Once all the attributes of all Applications listed in Task are Certified (Passed/failed), State of task is updated to **Closed Complete** and Percent Complete is updated to **100** automatically.
- 3. If this didn't happen for your task, then it means one or more attributes are yet to be certified.

<

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Certification Task
TSK0011253

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Discuss

Follow

Update

Save

Number

TSK0011253

Assigned to

🔗

Assignment group

Short description

Business Application Data Certification

Complete by

🔗

2024-11-05 06:45:17 AM

State

Closed Complete

Percent complete

🔗

100

Escalation

Normal

⚙

Data Certification Walkthrough



Data Certification - Timeline

- 23rd Mar : Data Certification Launch by APM Team – IT Application Managers will receive assigned Task Notification
- 23rd Mar – 22nd May : 9 Weeks for IT Application Managers to complete Data Certification
- 12th May : Ask Me Anything Session by APM Team to resolve issues/queries
- 23rd Apr : Half time elapsed, Automated Reminder mail for open Tasks to Managers
- 13th May – Reminder mail from APM Team to IT Application Manager for Open Tasks
- 23rd May : Escalation to Organizational Manager Regarding Open IT Application Manager Tasks



Important Links and Information



- [APM SharePoint](#)
- APM Training on [SELP](#)
- EnergyNow APM Owner : akash.kansal@siemens-energy.com

Thank You



Backup Slides



Data Certification Task & In Scope Field – March, 26

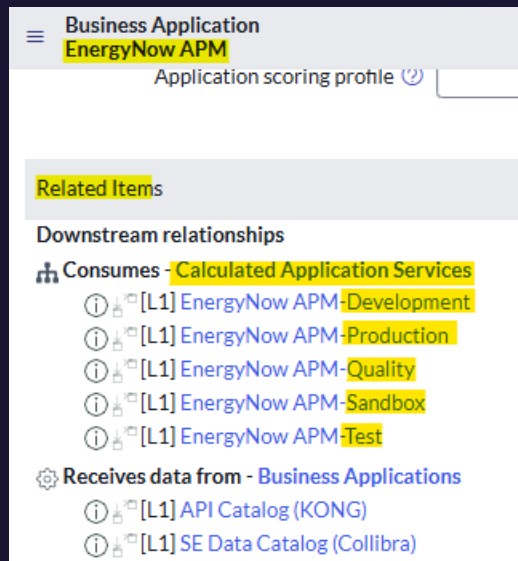


Optional comment for checked elements  										Show Pending F
Business Applications Number Search										New Show in Desi
All > Install Status != Retired > Number != APM0006336										
☐	☐ Number	Name	☐ Install Status	☐ Application type	☐ Application group	☐ Architecture type	☐ Platform Host	☐ Allocation/Install Type	☐ Operating System/Platform	
	APM0011823	Demo PlatformApp	☐ Under Evaluation	☐ SaaS	☐ Managed Application	☐ Platform Application	☐ Fusion Platform	☐ Private cloud	☐ Windows	
	APM0010905	YouDesign - Designer - UPMX (InsPi)	☐ Implementing	☐ COTS	☐ Application Component	☐ Platform Application	☐ EnergyNow	☐ Public cloud	☐ ServiceNow	

☐	☐ Number	Name	☐ Cloud Provider(s)	☐ Technology stack	☐ Java JDKs in Use	☐ Database	☐ Authentication Method	☐ Used In Department	☐ Used in Factory	☐ GenAI/AI/ML Capabilities	☐ AI Area
	APM0011823	Demo PlatformApp	☐ AWS, Oracle	☐ Java	☐ Eclipse Adoptium (Temurin), Oracle JDK	☐ Oracle	☐ SE MS Entra ID/Azure AD	☐ SE FIN EU, SE EU, SE HR	☐ NBG H 64, BLN ND 51	☐ Yes	☐ Generative AI & Natural Language Processing
	APM0010905	YouDesign - Designer - UPMX (InsPi)	☐	☐	☐	☐	☐	☐	☐	☐	☐

Number	Name	☐ Business owner	☐ IT Application Manager	☐ Publisher	☐ Vendor	☐ Support vendor	☐ Business Cost Impact	☐ IT Cost Impact	☐ AREs using Application
APM0011823	Demo PlatformApp	☐ Akash Kansal	☐ Akash Kansal	☐ ServiceNow	☐ ServiceNow	☐ TCS	☐ S < 50.000 EUR	☐ XXL >= 500.000 EUR	☐ https://siemensenergyuat.service..
APM0010905	YouDesign - Designer - UPMX (InsPi)	☐ Akash Kansal	☐ Akash Kansal	☐ Ins-pi	☐ Ins-pi	☐ (empty)	☐ 0 EUR	☐ M < 100.000 EUR	☐ https://siemensenergyuat.service..

- Application Service is the logical representation of a deployed application stack. For each deployed environment, an application service should be available e.g., Dev, UAT, Prod etc.
- This information can't be part of Data Certification due to relation type and EnergyNow limitations.
- Discovered Physical Components (like Servers, DBs etc.) will/should be connected to respective Application Service



Related Links

[Application 360](#)

[Subscribe](#)

[Maintain relationships](#)

[Manage Application Services](#)

[Maintain Relationship of Application Service to Server](#)

Business Impact Assessment (BIA)



- **Guidance and Resources:** Access the BIA Spreadsheet and instructional video through the links provided below.
 - [BIA For Application Walk Through Guide.mp4](#)
 - [BIA Application \(APM Number\) \(YYYYMMDD\).xlsx](#)
 - [BIA FAQ.pdf](#)
- **Support Team:** dedicated support team is available to answer your questions and guide you through the BIA process. You can reach out directly in the [Live Questions | Microsoft Teams](#) or via email at BIA_Support@siemens-energy.com
- **Collaboration:** Use this space to collaborate with your peers, share insights, and discuss any challenges you may encounter.
- Output of BIA will be rating in the form X.Y.Z where X, Y and Z could be any Number out of 1/2/3. Maximum number out of X/Y/Z will determine the ACP Level of the application.

[BIA Process and Contacts Information](#)

Risk Treatment Plan (RTP)



- RTP is mandatory for application with ACP Level of 2 and 3
- For their application, Asset Manager assesses the implementation state of protection requirements, identifies potential residual risks and establishes a plan to remediate those residual risks where possible.
- Once the Asset Manager finished drafting the RTP, they can send it to their Cybersecurity Officer for review. They will get back to them with any queries and help them interpret the SE Cybersecurity policies.
- The Asset Owner reviews and signs-off the risk treatment plan. A sign-off implies accepting the remaining residual risks and agreeing to implementing the proposed remediating actions.
- The Asset Manager ensures that agreed upon security measures are implemented.

[RTP Process and Contacts Information](#)

Disaster Recovery Fields

Disaster Recovery

DR Documentation Type ⓘ Disaster Recovery Plan ▼

Recovery Point Objective (in Hours) ⓘ 20

DR Test Frequency ⓘ Yearly ▼

Disaster Recovery Documentation ⓘ https://idgard.com/DR_Doc 

Recovery Time Objective (in Hours) ⓘ 8

Last Successful DR Test ⓘ 2024-07-09 

- **DR Documentation Type** – Type of Disaster Recovery applicable for the application
- **DR Documentation** – Secure Link of the document having details and steps to be executed to bring application in Operational state in case of any Disaster **(This field can be edited for Application form view only)**
- **Recovery Point Objective (in Hours)** - Amount of data a business can afford to lose in terms of time
- **Recovery Time Objective (in Hours)** - Time after a disaster in which business application should be available for use
- **DR Test Frequency** – After how much time Disaster Recovery plan should be tested to confirm instructions accuracy. For hybrid scenarios, choose the least testing frequency.
- **Last Successful DR Test** - Last Date on which Disaster Recovery instructions were successfully executed/tested.