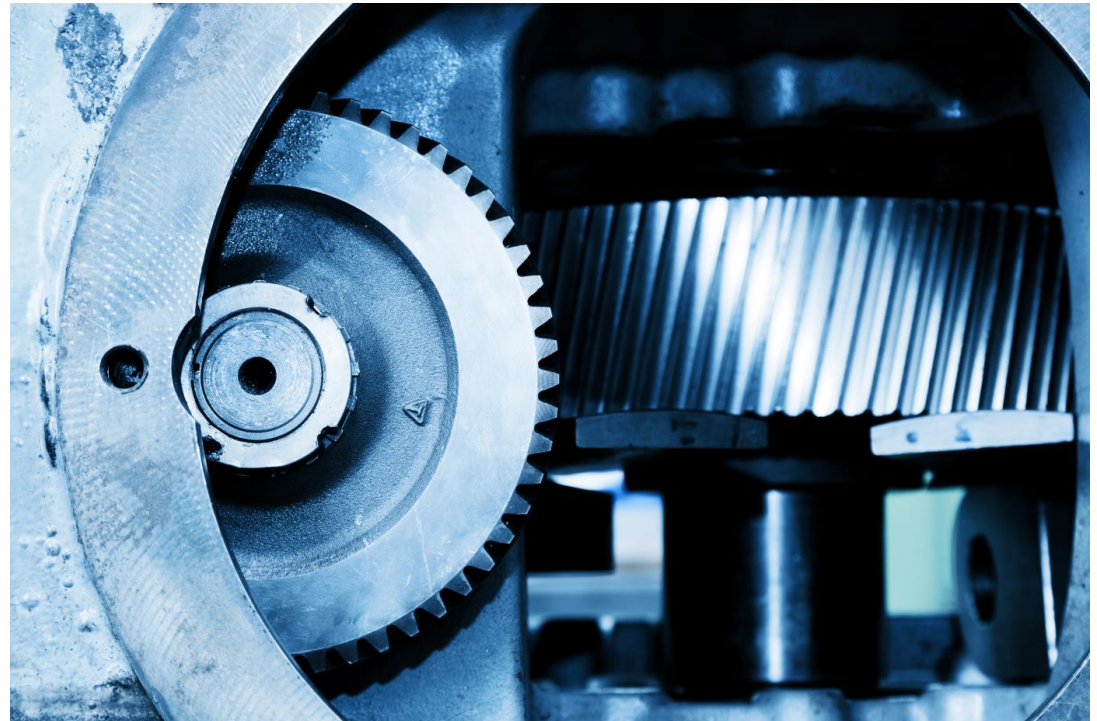


# *PROJECT-MACHINERY SYSTEM*



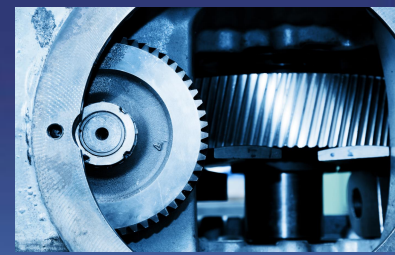
***A SW SYSTEM  
TO TAKE  
CONTROL  
OVER  
THE PROJECT  
MACHINERY  
CHORES***



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<https://spazioit.com>

January 2024

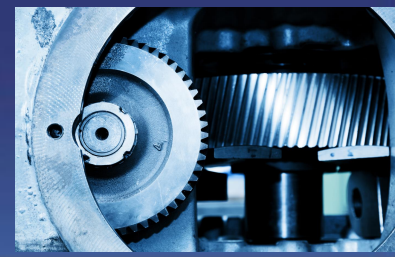
# Agenda



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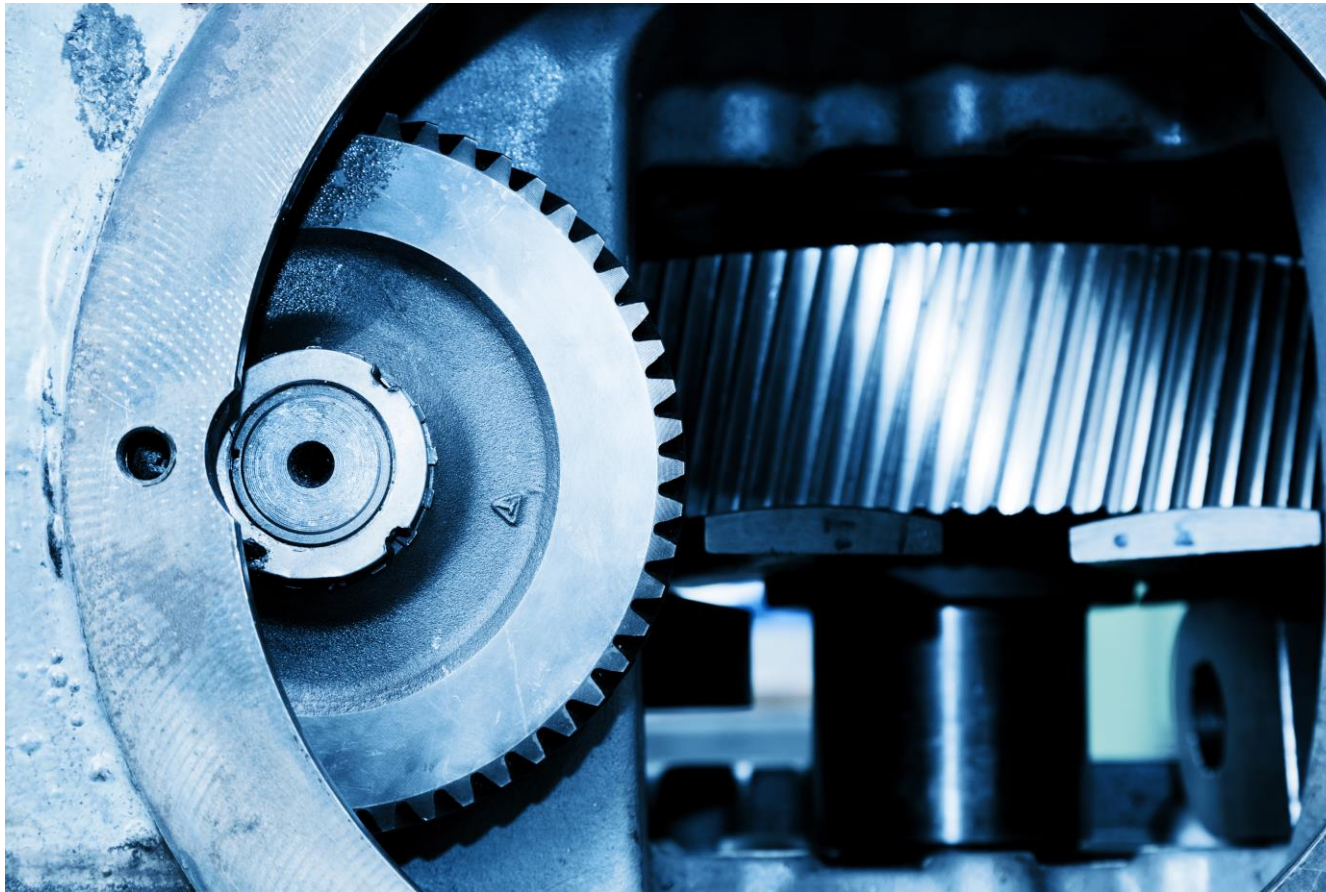
# Agenda



- The Project as a Clockwork
- Checks, checks and again checks
- Project Machinery Tool
- When
- Future Activities



# The Project as a Clockwork



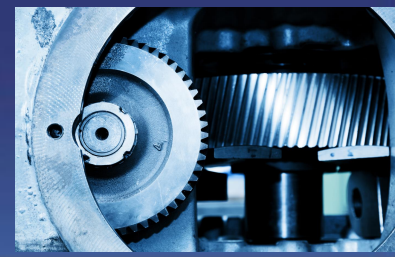
January 2024

# The Project as a Clockwork



- Every Project has two different Aspects:
  - a Financial Aspect;
  - and a Programmatic Aspect.
  
- The “Project Machinery” Tool and this presentation concentrate only on the Programmatic Aspect.

# The Project as a Clockwork (cont.)



- Work is divided in Work Units, e.g.  
Work Packages  
Tasks, etc...
  
- Work Units produce Deliverables.

# The Project as a Clockwork (cont.)



- Work is coordinated via Meetings, e.g. Calls, Progress Meetings, ... Technical Meetings,... and so on.
- Meetings produce Actions.

# The Project as a Clockwork (cont.)



- Deliverables should be completed/finished by their Deadlines.
- Actions should be completed/closed by their Deadlines.



# Checks, checks and again checks



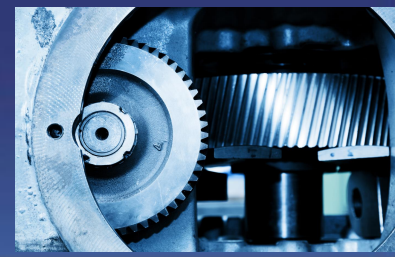
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# Checks, checks and again checks



- A Project can be seen as a Clockwork that needs to be kept in motion.
- Continuously Checking the Project Status and Timing, that is: its Deliverables and Actions Status and Timing, is like Loading the Spring that drives the Clockwork Movement (loading it and keeping it loaded).

# Project Machinery Tool



The screenshot shows a web browser window with the URL <https://project-machinery.com/ProjectMachinery/faces/project-machinery-tas...>. The page features a header with the text "No Selected Project" and a navigation menu with items: Home, Administration, Data Entry / Consultation, Queries/Reports, Exit, and Help. Below the header is a large image of industrial gears. Underneath the image is a quote: "Collaboration is the best way to work. It's the only way to work, really. Everyone's there because they have a set of skills to offer across the board. - Anton...". Below the quote is a pagination indicator "1 of 7" and a "Terms and Conditions" link. At the bottom of the page, there is a copyright notice: "Copyright (©) 2024 - Spazio IT - Soluzioni Informatiche s.a.s. - Project Machinery System." and a login status: "Logged in as sys.".

# Project Machinery Tool



- Multi Users.
- Multi Projects.
- Multi Companies.

# Project Machinery Tool (cont.)



- Administrative Part.
- Data Entry / Consultation Part.
- (Automatic) Checks and Alerts.



# Project Machinery Tool (cont.)



- The tool has been designed to support:
  - ESA Projects;
  - EU Horizon 2020 Projects.

# Project Machinery Tool (cont.)



Personal firstPage.jsf

https://project-machinery.com/ProjectMachinery/faces/project-machinery-tas...

No Selected Project

Home Administration Data Entry / Consultation Queries/Reports Exit Help

- Company
- Person
- User
- User Project
- Action Status
- Classification
- Deliverable Status
- Discrepancy Status
- Dispositon Status
- Project Status
- Work Unit Status
- Deliverable Company Role

Collaboration is the best way to work. It's the only way to work, really. Everyone's there because they have a set of skills to offer across the board. - Anton...

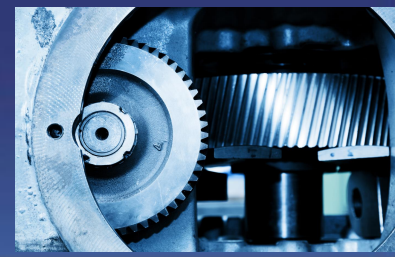
1 of 7

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Logged in as sys.

# Project Machinery Tool (cont.)



Personal firstPage.jsf

https://project-machinery.com/ProjectMachinery/faces/project-machinery-tas...

No Selected Project

Home Administration Data Entry / Consultation Queries/Reports Exit Help

- Action
- Deliverable
- Discrepancy
- Group
- Meeting
- Project
- Work Unit
- Deliverable Company
- Deliverable Person
- Group Company
- Meeting Company
- Meeting Person
- Project Company

Collaboration is the best way to work. It's the only way to work, really. E... have a set of skills to offer across the board. - Anton...

1 of 7

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# Project Machinery Tool (cont.)



The screenshot shows a web browser window displaying the Project Machinery Tool interface. The browser's address bar shows the URL: <https://project-machinery.com/ProjectMachinery/faces/project-machinery-tas...>. The page title is "No Selected Project". The navigation menu includes "Home", "Administration", "Data Entry / Consultation", "Queries/Reports", "Exit", and "Help". The "Queries/Reports" menu is open, showing options: "Report Check Actions", "Report Check Deliverables", and "Report Check Discrepancies". The main content area features a large image of mechanical gears. Below the image, there is a quote: "Collaboration is the best way to work. It's the only way to work, really. Everyone's there because they have a set of skills to offer across the board. - Anton...". A pagination indicator shows "1 of 7" and a "Terms and Conditions" link. The footer contains the copyright information: "Copyright (©) 2024 - Spazio IT - Soluzioni Informatiche s.a.s. - Project Machinery System." and the user status: "Logged in as sys.".

# When (data entry needs to be performed) ?



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# When (data entry needs to be performed)?

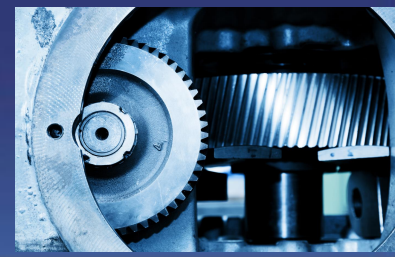


- Projects Definitions should be entered during Proposal Preparation.
- Deliverables, Meetings, Actions Status and Timing should be initially entered during Proposal Preparation and then updated during Project Execution.

# ESA RIDs



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Personal

discrepancy.jsf

https://project-machinery.com/ProjectMachinery/faces/project-machinery-tas...

Selected Project: TRUSTEE

Home Administration Data Entry / Consultation Queries/Reports Exit Help

### Discrepancy Table

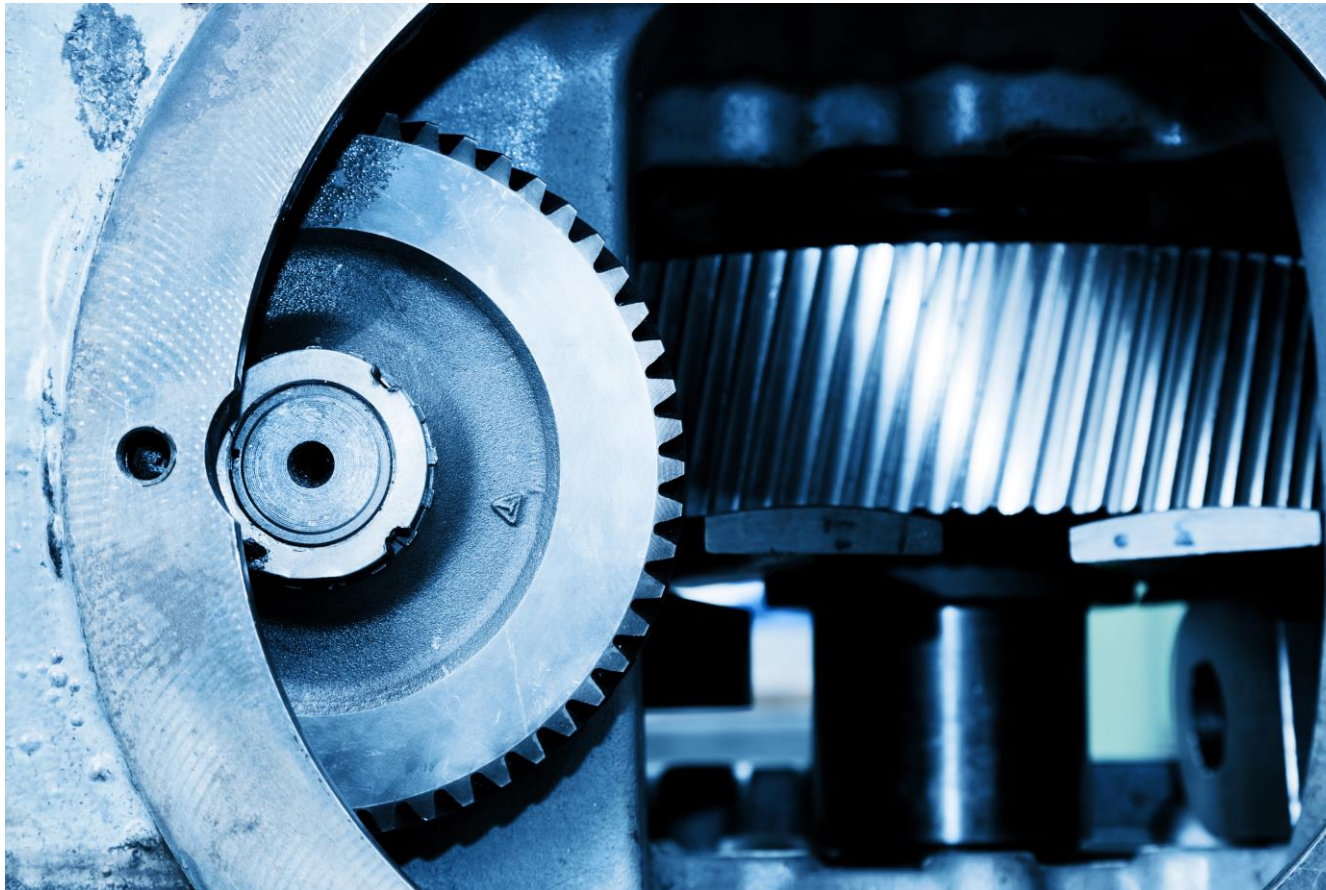
Name	Title	Classification	Review Type	Deliverable Name	Deliverable Version	Datapack Id	De St
No data to display.							

The system provides full support for the creation and processing of ESA RIDs (Review Item Discrepancy – [https://ecss.nl/item/?glossary\\_id=1637](https://ecss.nl/item/?glossary_id=1637))

Update View Insert Edit Delete Export to Excel ESA Export to Excel

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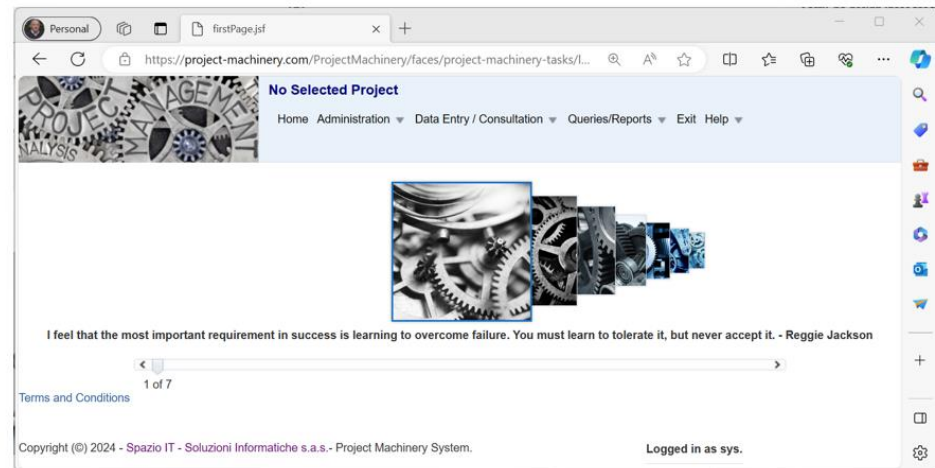
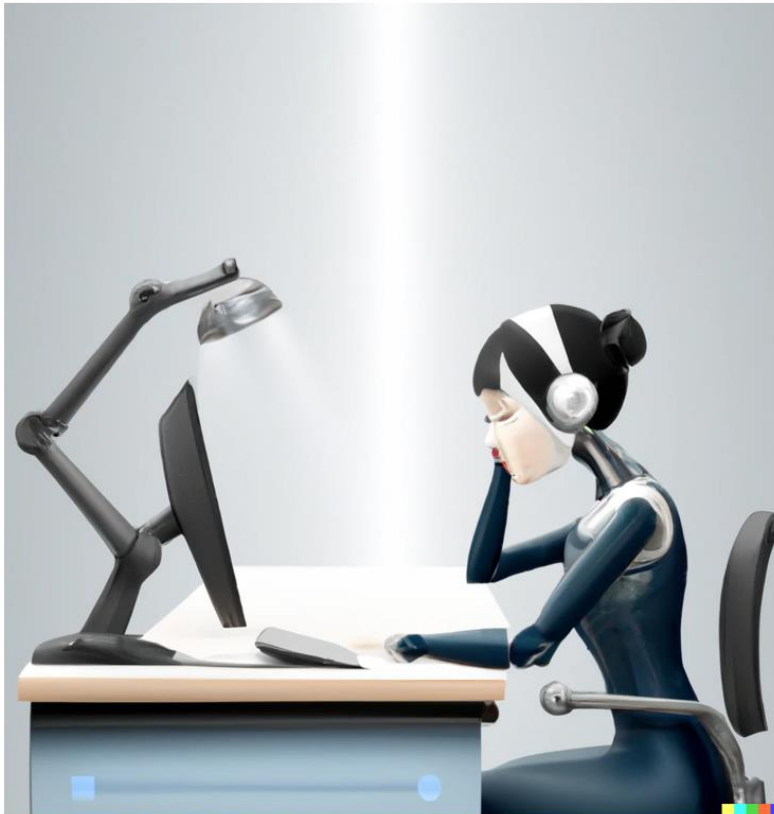
# Automatismi



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# Automatismms



```
16
17 administrators=admin1@address.com,...,adminM@address.com
18
19 check_actions=0 6 * * *
20 check_deliverables=0 7 * * *
21 action_checker_to=to1@address.com,...,toN@address.com
22 action_checker_cc=cc1@address.com,...,ccO@address.com
23 deliverable_checker_to=to1@address.com,...,toN@address.com
24 deliverable_checker_cc=cc1@address.com,...,ccO@address.com
25 send_mail_to_coordinator=true
26
```





- The system sends notification alerts (email messages) when an Action or a Deliverable approaches its deadline.

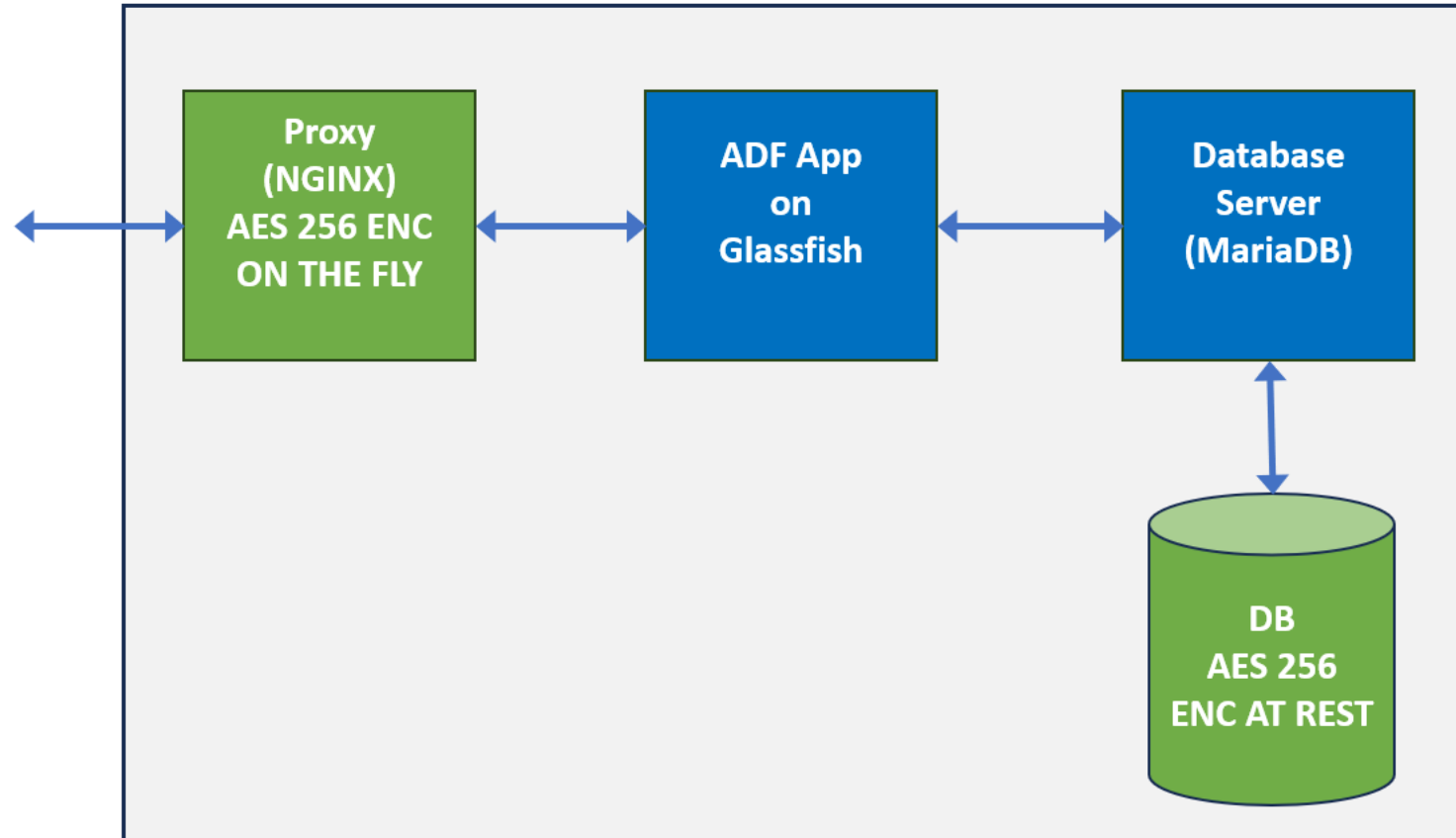
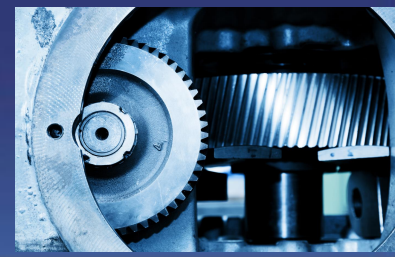
# Security / Privacy Protection Export Control



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# Security / Privacy Protection Export Control



# Security / Privacy Protection Export Control



Personal | SSL Server Test: project-machin... | <https://www.ssllabs.com/ssltest/analyze.html?d=project-machinery.com>

Qualys. SSL Labs | Home | Projects | Qualys Free Trial

You are here: [Home](#) > [Projects](#) > [SSL Server Test](#) > project-machinery.com

## SSL Report: project-machinery.com (94.76.193.87)

Assessed on: Tue, 16 Jan 2024 06:19:28 UTC | [Hide](#) | [Clear cache](#) | [Scan](#)

### Summary

Overall Rating

**A+**

Metric	Score
Certificate	100
Protocol Support	100
Key Exchange	90
Cipher Strength	90

Visit our [documentation page](#) for more information, configuration guides, and books. Known issues are documented [here](#).

This server supports TLS 1.3.

HTTP Strict Transport Security (HSTS) with long duration deployed on this server. [MORE INFO »](#)



# Security / Privacy Protection Export Control



SQL Workbench/J - Project-Machinery - Default.wksp  
File Edit View Data SQL Macros Workspace Tools Help  
User=root, Database=project\_machinery, URL=jdbc:mariadb://localhost:3306/project\_machinery

```
Statement 1  
1 select * from information_schema.innodb_tablespace_encryption;
```

Result 1 Messages

SPACE	NAME	ENCRYPTION_SCHEME	KEYSERVER_REQUESTS	MIN_KEY_VERSION	CURRENT_KEY_VERSION	KEY_ROTATION_PAG
6	project_machinery/action_status	1	1	1	1	
8	project_machinery/company	1	1	1	1	
9	project_machinery/deliverable	1	1	1	1	
10	project_machinery/deliverable_company	1	1	1	1	
12	project_machinery/deliverable_person	1	1	1	1	
14	project_machinery/deliverable_status	1	1	1	1	
15	project_machinery/discrepancy	1	1	1	1	
19	project_machinery/group_company	1	1	1	1	
21	project_machinery/group_table	1	1	1	1	
22	project_machinery/meeting	1	1	1	1	
23	project_machinery/meeting_company	1	1	1	1	
25	project_machinery/meeting_person	1	1	1	1	
28	project_machinery/person	1	1	1	1	
29	project_machinery/project	1	1	1	1	
30	project_machinery/project_company	1	1	1	1	

L:1 C:34 7ms Timeout: Max. Rows: 0 1-14/37



# Current / Future Activities



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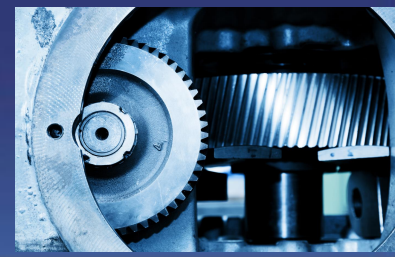
29

# Current / Future Activities



- (Automatic) Checks on the timings of everything.
- Tackling also the Financial Aspect.
- Identifying the status of Deliverables and Actions by (automatically) reading their related mails / communications.

# Thank you for your time!



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