

# KAVS Relay product upgrade

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# Agenda

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2. Project Introduction and objective
3. Project Goals
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7. Project Charter
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11. Communication plan
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# 1. Problem statement

A METZ is leading company in protection systems and digitalizing the power grid faces a problem in one of its products which is in service. Operational experience in the electrical network showed that the KAVS protection relay is not functioning well as designed to be. This problem led to not clearing the faults in the electrical system which has a bad consequences on the network safety and stability.

## **Effect**

Customer's electrical equipment/network subjected to damage.

## **Impact**

The company product sales of KAVS Relay decreased

## **Need**

Solve the problem

## 2. Project introduction and objective

The primary objective of this project is to upgrade the KAVS relay by integrating cutting-edge technology that enhances its performance and reliability. This upgrade aims to position the KAVS relay as a market leader, appealing to a broader customer base and ultimately increasing sales and maximize market reach

## 3. Project Goals

- 1 METZ will Increase sales of the product KAVS by implementing new sales and marketing strategies by 20% by the first quarter of year 2025, each month 6.6% increase.
- 2 METZ will increase customer retention rate by 10% by the second quarter of 2025 by applying latest technology to the product KAVS and making operation and training plan.

[Goals](#)

[OKRs](#)

[OKR Score](#)

## 4. Project Scope

The scope of this project encompasses upgrading the production of the KAVS relay by using a higher speed processors, implementing cutting-edge IoT technology, developing innovative marketing and sales strategies, and develop our web page to integrate with IoT to be more dynamic, responsive and intelligent.



## 5. Project Deliverables

- New design of the KAVS product.
- Produce the KAVS relay product implementing IoT technology
- Develop webpage
- Develop new Marketing & Sales Strategy plan.
- Develop training program.

[Stakeholder analysis](#)

## 6. Roles and Responsibilities

- Roles and responsibilities of the team and other stakeholders should be set to determine who will be the responsible (R), who will be Accountable (A), who will be consulted (C) and who will be informed about the progress of the project(I).
- A RACI chart is a tool used to define roles and responsibilities for individuals or teams, ensuring work is done efficiently with clear direction for each member.
- Conducting a RACI analysis upfront helps resolve or prevent issues, contributing to the overall success of the project.

[RACI Chart](#)

## 7. Project charter

- The project charter is a formal document that defines the project, outlines its goals, and captures necessary details to guide the project to success. It acts as a compass throughout the project's life cycle, ensuring alignment with strategic goals and setting up for the desired outcomes
- A project charter is essential for securing stakeholder approval and moving forward with a project

[Project Charter](#)

## 8. Project schedule (timeline)

- Meet with the team and SME to determine the milestones and related tasks, tasks owner and durations making a Work break down structure (WBS).
- Schedule estimates time required, tracks progress, and helps meet goals
- Gantt charts provide a visual representation of tasks, helping teams understand timelines.

[WBS](#)

[Critical path](#)

[Gant Chart](#)

## 9. Project Budget

- Project budgets estimate resources needed for goals
- Budget components includes labor, operating costs, materials



**Contingency reserve:** Funds added to cover identified risks

**Management reserve:** Covers costs of unidentified risks

[Budget plan](#)

[Statement of work\(SoW\)](#)

# 10. Risk management and mitigation plan

- The process of identifying and evaluating potential risks and issues.
- **Internal risks:** Time risks, Budget risks and scope risks
- **External risks:** Risks beyond your control, such as environmental events (storms) or legal changes (new regulations).

[Risk management and mitigation plan](#)

# 11. Communication plan

- Communication is critical to project success.
- Ensures everyone understands their roles and how tasks contribute to project goals
- Developing a communication plan ensures smooth project execution, better outcomes, and a healthy team environment.

[Communication plan](#)

[Project plan](#)



## 12. Questions

Thanks