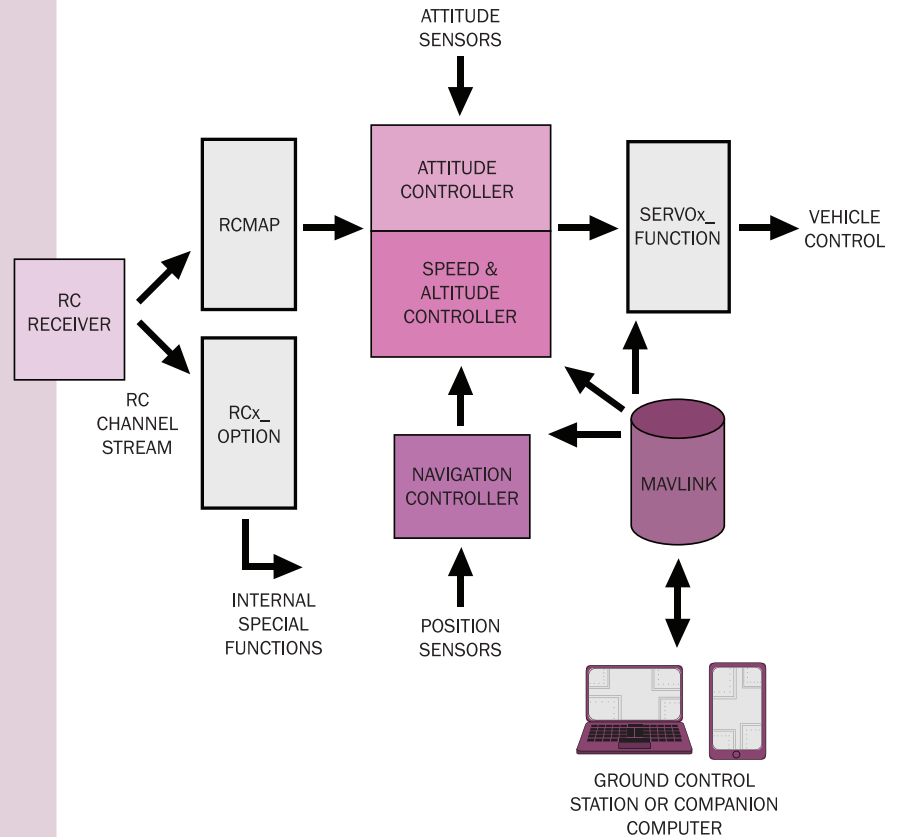


**CONCEPT** A Functional Block Diagram (abbreviated as FBD) is a graphical representation of a functional process via blocks and diagrams that is easier for a reader to understand and interpret. Simply put, functional block diagramming breaks down a huge process into smaller units and helps us understand the relationship between two or more variables.



## BACKGROUND

As its name implies, it is a step-by-step representation of a functional flow that helps to simplify work processes and create a better understanding of them. The idea was derived from Frank Gilbreth in 1921, preceded by other engineers and scientists who developed a multi-tier process model to simplify multiple functions and the relationships between them.

## REAL WORLD CONNECTIONS

Functional Block Diagram holds an advantageous position and is being widely used in various fields including:

- Business Process Redesign
- Business Process Management
- Computer System Engineering
- System Engineering