

# MODERN PROCESSES IMPROVE CONSUMER ELECTRONICS DEVELOPMENT

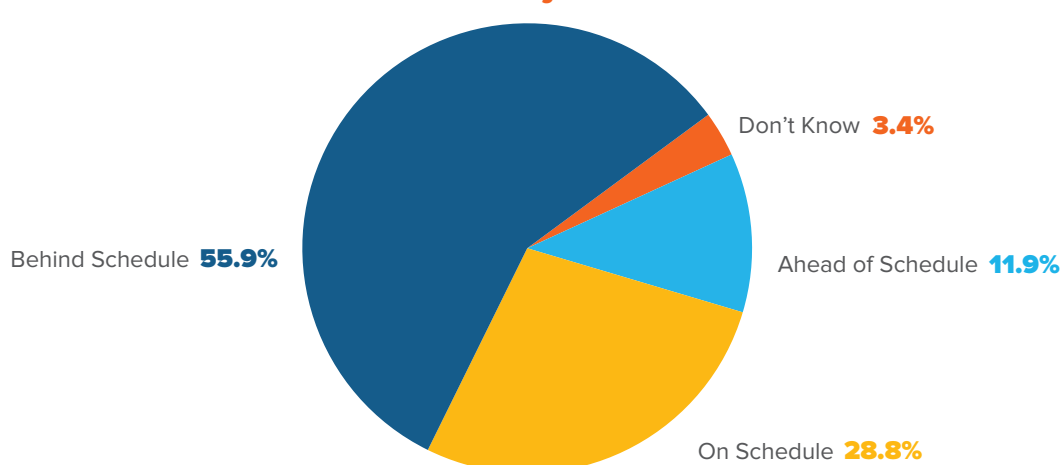


A recent VDC Research report highlights key development challenges in the Consumer Electronics (CE) sector and explains how to contend with them.

## Lack of Formal Processes Impact Schedules

In the CE sector, nearly 56% of projects are behind schedule.

Consumer Electronics Project Schedule Adherence



## Why the Delays?

Consumer Electronics lags behind other industries in adopting formal design processes.

**26%**  
CE companies lack modern processes

vs

**15%**  
in other embedded industries

## Obstacles to Consumer Electronics Success

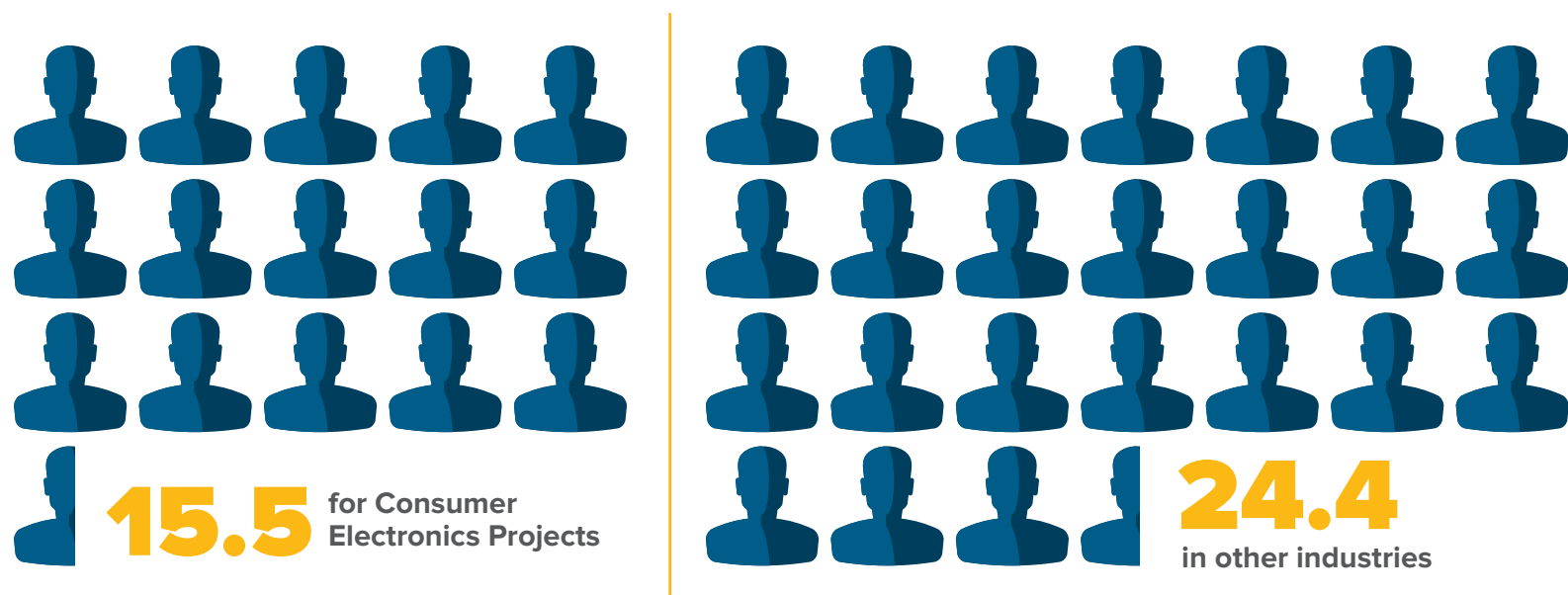
Narrow project margins that typically exist for CE OEMs create a number of difficulties when developing products. Foremost is a lack of manpower.

Top Delay Factors in Consumer Electronics



## Number of Engineers Per Project

Lack of engineering personnel is often cited as the chief delay factor.



## Average Project Length

Tight schedules in CE add to development pressures.



Average project length in Consumer Electronics

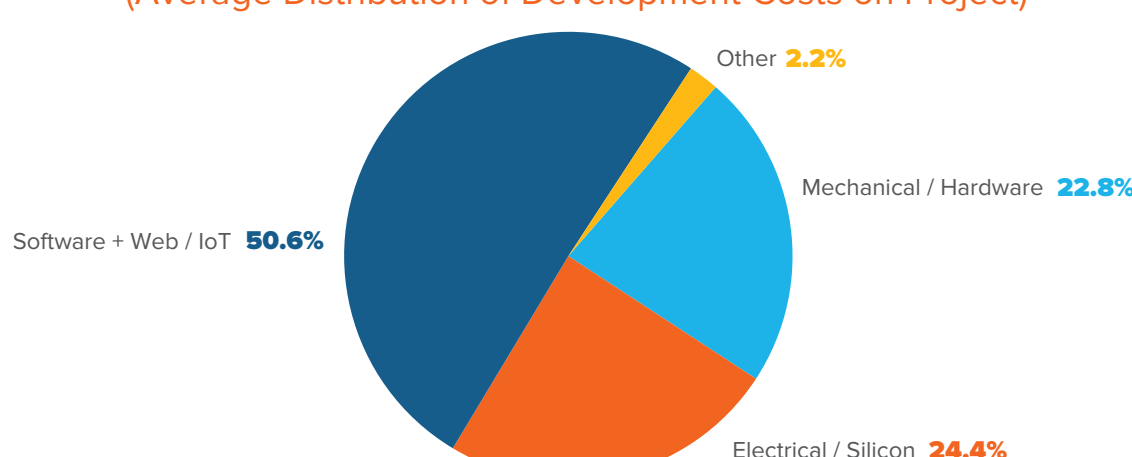


Average project length in other industries

## Software Development Costs High and Rising

As CE development evolves, software costs are becoming a larger part of the overall budget.

Consumer Electronics Development Cost  
(Average Distribution of Development Costs on Project)



## Three Vital Steps to Success

- 1 Improve collaboration to boost process efficiency and shorten development cycles.
- 2 Engage stakeholders by sharing requirements, plans, and progress throughout the development process.
- 3 Integrate the methodologies and data used by development teams to better manage the workflow.

**The challenge—overcoming tight schedules without sufficient personnel while also reducing costs—requires modern processes.**



The advantages of a modern integrated workflow to development teams include:

- **Greater visibility** into product details and status during development
- **Improved efficiency**, reducing costs and keeping to schedules
- **More effective collaboration** and communication among workgroups
- **Better management** of requirements and product lifecycles

Data points and information sourced from VDC Research report, "Developing for Success in Consumer Electronics."

[DOWNLOAD REPORT](#)

Learn more about the benefits of modern development processes for enhancing collaboration, streamlining product releases and meeting schedules on time.

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