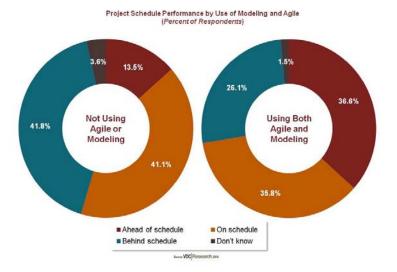# Agile Combined with Modeling Tools Yielding Greater Engineering Schedule Performance, According to VDC Research

Agile methods are known to be an effective strategy for accelerating software development, but many organizations are now seeking further gains through the combined use of Agile and modeling tools.

"VDC survey results show 36.6% of projects that combined use of Agile methods and modeling tools were ahead of schedule.**"**

Natick, MA (PRWEB) February 19, 2016

Many engineering organizations are reevaluating their development strategies as they see the benefits of Agile and modeling tools, according to a new report by VDC Research (click here for more info). On-time schedule performance remains a pervasive challenge for many software design teams. The use of serial development workflows and incumbent tools is becoming progressively inadequate as code bases continue to rapidly grow larger and more complicated. The improved accuracy and speed of software creation with Agile methods is encouraging adoption to scale. But for some teams, the pace of progress is insufficient and further improvements are necessary.

Project Schedule Performance by Use of Modeling and Agile
(Percent of Respondents)

Not Using Agile or Modeling: 3.6%, 13.5%, 41.8%, 41.1%

Using Both Agile and Modeling: 1.5%, 26.1%, 36.6%, 35.8%

■ Ahead of schedule ■ On schedule ■ Behind schedule ■ Don't know

"Engineering teams are increasingly using software and system models within an Agile framework to help improve their productivity," says Andre' Girard, Senior Analyst of IoT and Embedded Technology. "They are iterating by exchanging models before finalizing designs and generating code."

Results from the VDC 2015 System Development Survey demonstrate that using modeling tools and Agile methods together can provide even greater performance improvement than the use of either separately. Going forward, these strategies will be applied in unison more frequently as engineering organizations realize the synergistic benefit of this combination.

About VDC Research
Founded in 1971, VDC Research provides in-depth insights to technology vendors, end users, and investors across the globe. As a market research and consulting firm, VDC's coverage of AutoID, enterprise mobility, industrial automation, and IoT and embedded technologies is among the most advanced in the industry, helping our clients make critical decisions with confidence. Offering syndicated reports and custom consultation, our methodologies consistently provide accurate forecasts and unmatched thought leadership for deeply technical markets. Located in Natick, Massachusetts, VDC prides itself on its close personal relationships with clients, delivering an attention to detail and a unique perspective that is second to none.