



Code once deploy everywhere – with Limitless Scalability



Start creating applications for tomorrow

It's time to start creating applications that work today and tomorrow. With Qt, one code stack and one development team can support all your target platforms at the same time. No more wasting time on reinventing the wheel for every platform. We call it:

Limitless Scalability

Scale horizontally

So, how do you achieve limitless scalability? Develop applications for anything from microcontrollers (MCUs) to supercomputers – with Qt, you have the keys to a massive ecosystem containing everything you need to design, develop, test, and deploy software for your entire product line.

Qt is an integrated tool chain with libraries full of ready-made code, designer and developer-friendly tools, and a flexible graphics architecture. Create applications with 2D & 3D graphics that are beautiful in the front end and powerful in the back end, using the same codebase for any hardware, any OS, any platform. Then, run your application on bare metal or a real-time operating system.



Scale vertically

While scaling horizontally between platforms, there are things you want to scale down and things you want to scale up.

For example, it is a good idea to

↓ Scale down

Time to market

A great idea can occur at any time. When that happens, it's important to act quickly by designing and creating a prototype, testing it, and reaching the market as fast as possible. With Qt's tools, you can speed up that process.

Memory footprint

Since Qt is built on a C++ framework, you get the native performance and capability that is the best fit to utilize and fulfill this requirement. Utilize as few resources as possible and get the maximum out of it.

And at the same time, you can

↑ Scale up

User experience

Create next-generation user experiences without need for prototyping by transforming your pixel-perfect designs directly into fully functional user interfaces.

Connectivity

Future-proof your IoT technology strategy with a scalable, cross-platform development framework for a world where everything is connected. Qt lets you build a code base for lean high-performance devices, applications, and interfaces for anything, regardless of scale.

Product development lifecycle

As new feature requirements, services and potentially new revenue generation ideas are added, it's important to base them on a foundation that serves you. Don't waste time reinventing the wheel for every platform: just reuse earlier development and gain insights from the UI usage.

Did you know?

Based on an analysis of Qt for Device Creation customer feedback and quantified benefit, cost, and risk factors. Forrester has determined the following three-year impact from the Qt for Device Creation investment.

\$423k
Net present value

289%
Return on investment

<3 months
Payback

¹The Total Economic Impact Of Qt For Device Creation, November 2018

Code less. Create more. Deploy everywhere.

Qt enables you to create a consistent user experience across platforms and products using a single code base. It's scalable for any project and has everything you need for design, development, testing, and deployment. Deliver on time and on budget while ensuring product success and revenue.



Imagine what you can do when the possibilities are limitless.

> [Contact us today to learn more](#)

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