Standards to power the lab with easier integration and faster results.

I.DOT now supports SiLA 2, which enables rapid integration from start to finish.

Fast. Accurate. Unmatched.

What is SiLA 2?

SiLA is a standard in laboratory automation that enables the Lab of the Future through free and open systems communication and data standards. Whether you are a scientist, an integrator, or a supplier, SiLA helps future-proof labs by offering end-to-end integration by connecting instruments like the I.DOT to informatics systems, lab systems to each other, and people with their data.

Benefits of SiLA 2

SiLA 2 is designed to map to a base technology & communication standard that will survive for a considerable amount if time. A robust and proven set of technologies was chosen with HTTP/2 as a base communication layer, protocol buffers as data structures, and the high performance remote procedure call framework gRPC is it's communication backbone.

Another key part of the standard is its human readable, XML-based Feature Definition Language contract file, which enables automatic integration of any device that conforms to the standard.

Decrease your development costs, times, and risks while innovating your lab by reaching out to:

sales@dispendix.com

For additional information regarding the API, and to receive access to our Integrator Information Package, contact:

support@dispendix.com

Scheduling Software

The I.DOT has been successfully automated in numerous labs around the world. Many common schedulers have supporting drivers, thereby reducing the integration cost of your automation project.
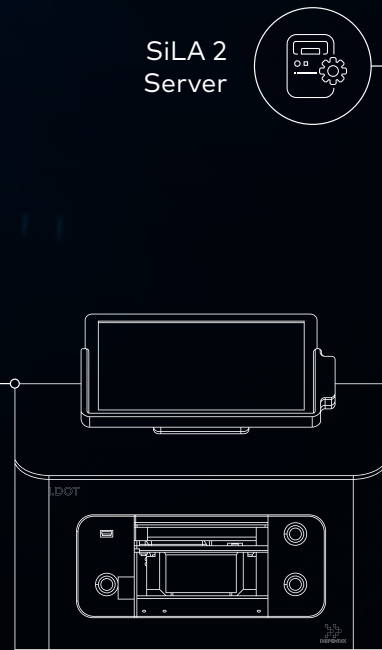
Universal SiLA Client

Find any I.DOT available in one click via the Universal SiLA Client and dispense protocols remotely.

Own Implementations

Want to programmatically communicate with the I.DOT for your own project? We open sourced **an I.DOT SiLA 2 C# Sample Implementation** of the API on our Github to get you started fast and hassle free!

SiLA 2 Server

Dispendix – Paving the Way for Open Collaboration

We at Dispendix believe in and are a big supporter of free and open software. We apply the same thinking to our business with the conviction that the Life Science industry is better off with open collaboration, a set of common communication and data standards, and an ecosystem of domain-specific open source software. We enact that mantra by making our devices accessible through APIs, contributing to open source software projects and giving public access to some of our own. Through using standards like SiLA 2 for our products we are making the integration of lab devices easy and boundrary free.

These measures will ultimately lead to much needed cost reductions, faster research & development in drug discovery, as well as better health outcomes in hospitals.

For customers and partners who wish to integrate or automate an I.DOT we provide our **I.DOT SiLA 2 C# Sample** (MIT-0) as a sample implementation via our Github page and instructions to run an **Universal SiLA Client** that will work with the device API.

SiLA Consortum Website

SiLA 2 Gitlab

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