TEK MATIC
automation for life

S-RUN

SCHEDULING AND CONTROL SOFTWARE

ANY INSTRUMENT
ANY PLATFORM

PAA

AT THE HEART
OF LABORATORY
AUTOMATION

A Directech Company

S-RUN

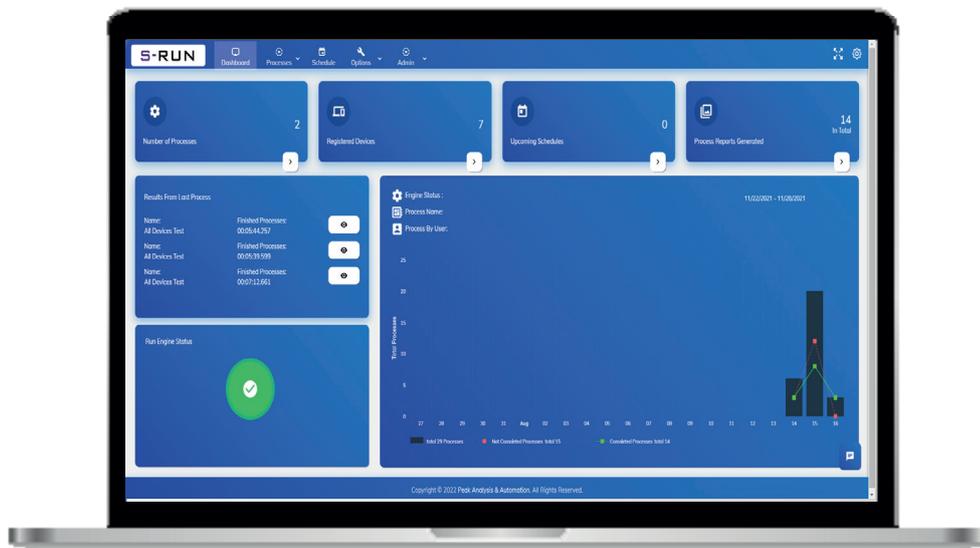## S-RUN™ SOFTWARE IS THE NEW CORE OF ALL PAA'S LABORATORY AUTOMATION PRODUCTS AND SERVICES.

S-RUN provides all instrument control and the scheduling required to run an automation workcell.

S-RUN is completely scalable and can be used on the simplest systems (e.g. loading a single instrument) to the most complex systems (controlling the work flow around an large workcell with several dozen instruments and multiple robots).
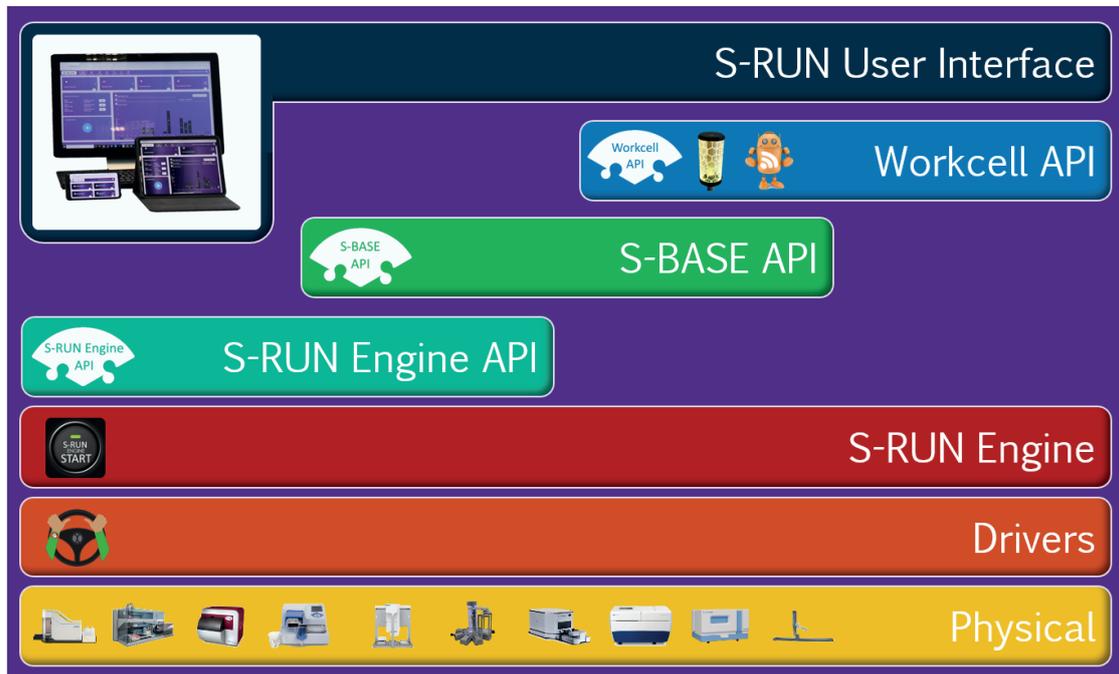
S-RUN is supplied 'per socket', to ensure a cost effective solution for all sizes of workcell. A socket is a connection to an instrument, via an instrument driver.

S-RUN is the first laboratory automation scheduler and control software that contains both dynamic (event-driven) and static (time-driven) scheduling on one platform. The simple dynamic tiles interface enables complex routines to be rapidly and easily developed.

S-RUN is an elegant easy-to-use software solution for control and scheduling of your automation platform.

System architecture

What this means to you:

/ **Platform independent** - the web based interface means you can use iOS, Android or Windows on a desktop, tablet or smartphone to control your automated system. No APP to download from the App Store or Play Store. S-RUN can run on a local PC or from the Cloud. Note: there must be a base computer to control the instruments

/ **Allow easy setup of new process within a framework** - take away the code development aspect for simple process development and replace with a standard structured approach

/ **You can control a huge variety of instruments** - choose from a huge library of drivers for more than 300 instruments including; robots, incubators, liquid handlers, plate readers, heaters and shakers

/ **Precise time control** - ideal where process timing is critical

/ **Dynamic tiles rather than drag & drop** - quicker and easier to develop an automated process

/ **Live Gantt chart updates with real time rescheduling** - change process parameters during the run

/ **Automatic restart after PC power cycle** - if the power goes off, you can restart where you left off

/ **You can take equipment off line and then put it back on-line** - utilise your expensive hardware manually when not in use on the automation system

/ **Add a new batch of samples at any time** - use the calendar function to review the workload on your automated system and add new batches of plates at any time

/ **Scalable** - S-RUN can is as happy running a large automation system as it is loading a single instrument

/ **S-BASE** - built in database to hold all your runtime information and data

/ **Factory automation** - integrated support for PLC

High level user interface

S-RUN can be run from any web browser (although we recommend Google Chrome for the best user experience) and has been developed for easy operator use.
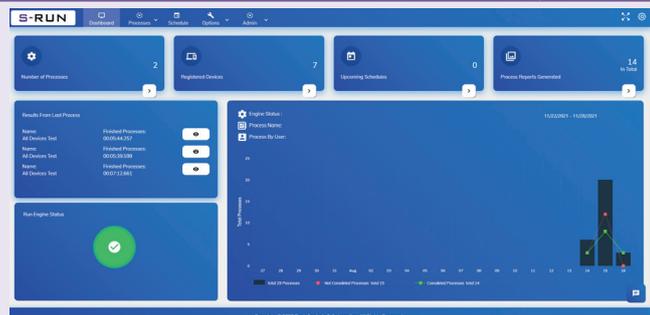
Login

Access controlled by user level
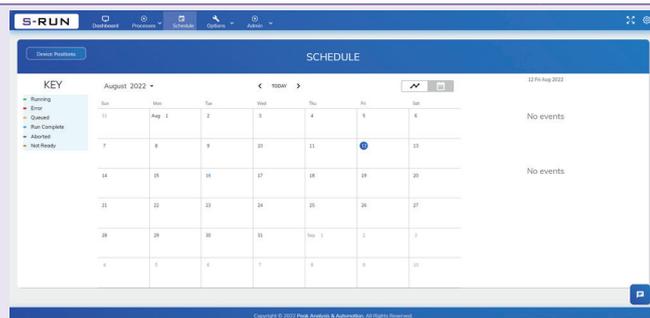ADMINISTRATOR
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USER
READ ONLY
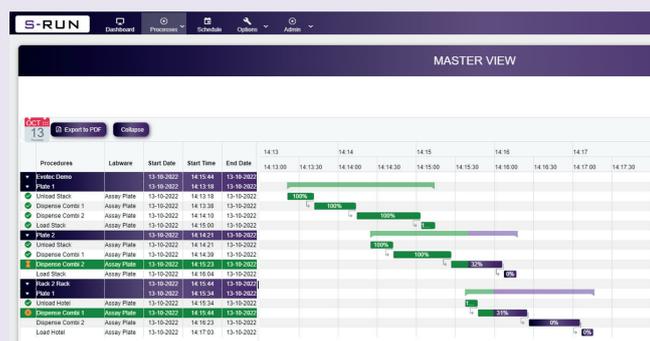

Dashboard

Access everything from here

Calendar

Look at the system load
Add new batches of plates

Masterview

View all the running batches from here