

**BookitLab Core Facility Management Solution**

White Paper  
V6.6Pb

[www.bookit-lab.com](http://www.bookit-lab.com)

Prog4biz Ltd  
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## About BookitLab:

BookitLab is management software for scientific core facilities and shared lab service centers. The system has been used in leading scientific institutions globally for the past 8 years.

Installations include facilities in the US, Canada, Australia, Europe and Israel. BookitLab is proudly serving over 7,000 scientists and researchers, providing access to nearly 16,000 scientific resources and services across the globe.

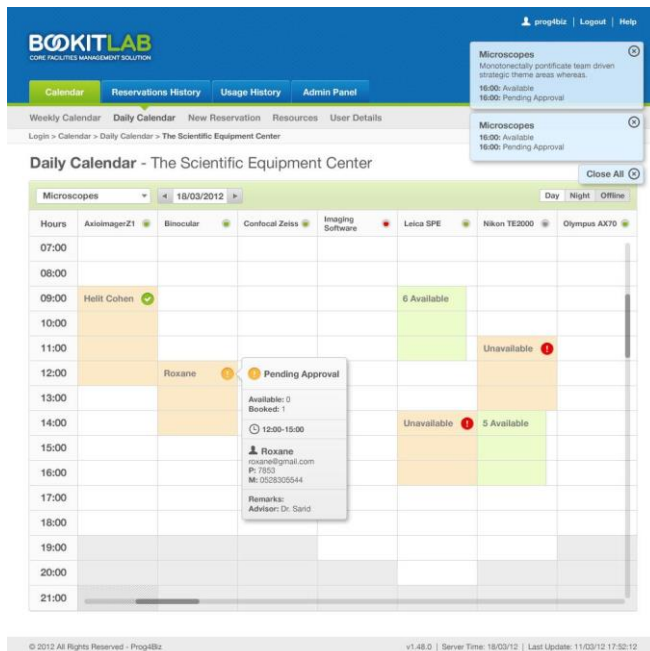
The system is developed by Prog4biz Ltd, established in 2005. Prog4biz provides software development solutions, specializing in database applications & custom web application development.

BookitLab featured customers include:



## Equipment Scheduling:

- Intuitive instrument scheduling from any device on any platform: Mobile, Tablet, Desktop.
- New users training
- Working hours and dynamic time slots management
- Instrument shared accessories
- Peak / Off Peak reservation quota per lab/ per user
- Detailed history audit
- Equipment usage documentation.
- Custom reservation forms add-on
- Instrument maintenance



## Equipment Access Control:

- Protect your valuable and sensitive equipment and resources against unauthorized access.
- Allow the access per instrument of only trained users.
- Unique software lock with flexible control on the level of locking from specific reserved applications to a whole system.
- Hardware lock with various options and available setups.
- Add on available for clean rooms entry access control

## Request Management

- The Request Management module allows for a submission, processing and tracking of general or specific predefined service requests.
- Use our readymade forms, provide your manual forms to be converted to our system, or create your own request forms using the system flexible form builder.
- Upload result files and attach files and comments to service requests.
- Easily track the progress of requests.
- Automatic notifications
- Optional quote process, or predefined pricing per elements in the request
- Optional add-ons:
  - Offline Staff Jobs- For any type of jobs done without a user specifically requesting it inside the system.
  - Inventory Management
  - Can be extended further into a full LIMS system using the BookitLab LIMS (see ahead).

**Billing:**

- **Payment Management:** A simplified management tool to keep track of your debts statuses and to manage automatic/ manual dynamic notifications/ payment letters/ invoices.
- **Billing Integration:** BookitLab can validate payment sources from your financial system and then push transactions directly to the financial system.
- **Grants integration:** BookitLab can integrate with your financial system to retrieve online grants and validate researcher's requests against them.
- **Billing Reporting:** Billing data can be summarized and exported through dynamic reporting tools. A PI/ head of lab has access to all related billing reporting of his lab.
- **Full Costs Management add-on:** Manage every financial aspect of your resources. With the full costs management add- on you could keep track of each income and expenses related to your lab resources including operational, staff, maintenance and other. Get the overall picture of your organization status with an ad-hock profit-loss reporting tool per resource/ lab/ time.

## Accessibility- Mobile Apps:

Access the system anytime, anywhere from almost any device:

- Available for free on the Google Play and App Store mobile Apps
- Smartphone accessible from any operation system (Android, iOS, Windows ...)
- Tablets accessible from any operation system (iPad, Android tablets ...)
- Accessible from any modern browser (Internet Explorer, Chrome, Firefox, Safari)

## User Management:

- Import, manually create or provide registration facility for new users
- Audit- each action of a user in the system is recorded in a detailed audit
- Users Optional Integration:
  - integrate with your organization user database (Active Directory/ Other LDAP)
  - The system integrates with any level of data stored and provides facilities to accommodate any missing users' data.
  - Optionally manage external users alongside internal user.



## Reporting:

- The system has an extensive reporting platform with specific modules and add-on related reporting tools as well as system wide reporting tools.

## Audit:

- The system keeps a detailed audit trail for each transaction, including the timestamp, user, action, related resource and related actions.

## Data Store:

- Tight integration with your organization Data Store or our cloud data store.
- Seamlessly synchronize instrument result files with the application web portal.
- Seamlessly synchronize files from different system modules for example result files synchronized automatically with your Electronic Lab Notebook experiment.
- Billing for Data Store add-on allows you to charge users per their Data Store usages.

## API:

- BookitLab Kernel contains a simple, secured Application Programming Interface that allows your other enterprise software systems to retrieve and update data in the system, as well as to code your own routines and applications for the system.
- Asset Management API routines allows for:
  - Add a new asset
  - Update an existing asset
  - Delete an asset
  - Retrieve Asset Details

## Additional BookitLab Solutions:

### BookitLab LIMS

BookitLab LIMS allows for the implementation of nearly any lab workflow.

Requests goes through a dynamic predefined process of confirmation, execution stages, comments and results.

- Optional add-ons:
  - Instrument interfacing
  - Sample Management
  - Genomics specific solution
  - Label printing w/out barcodes.
  - Data Store Integration

## Electronic Lab Notebook (ELN)

BookitLab ELN is an intuitive, flexible, highly scalable software solution that combines all your research management works.

Easily store, search and share all notebook entries from any location.

Access from any device: Runs on all platforms, including Windows, Linux, Mac iPad, iPhone and Android devices.

Protocols to Experiments- Start your experiments from saved protocols, clone existing protocols, or create your own.

Store images and results

Digital signature

Simplifies regulatory compliance

Minimizes errors or data loss

Reagents management

Share information within your laboratory

Protect your intellectual property

Tight integration with all BookitLab modules as per your lab needs:

- Inventory management
- LIMS
- Instrument scheduling
- Instrument interfacing
- Data Store and file management

Preserve all your data securely

Web based Cloud hosted or self-hosted

Integration with enterprise user database such as Active Directory.

## Animal Management

- Cage Management including unique Mobile and Tablet apps.
- Colony Management including mating management.
- Tight integration with other BookitLab solutions:
  - Instrument scheduling
  - ELN
  - Asset Management.

**Asset Management:**

- A powerful Search engine for all instruments, services, inventory and any other resources across your organization.
- Resources specification pages
- Automatically aggregated content and related actions from other BookitLab modules.
- Supports thousands of assets across all organization units.

## Installation Options

### Cloud Hosted/ Self Hosted

- BookitLab is offered both as a self-hosted solution, set up and maintained locally, or as SaaS (Software-as-a-Service), cloud hosted and maintained by BookitLab team.
- Enjoy the full service solution of the SaaS installation, or be free to run the system on your servers without relying on external resources.
- Self-Hosted scope is affected by the level of access rights provided to us.

### Self-Hosted Requirements:

- IIS 6 / 7.5
- MS SQL Server 2005/ 2008 R2/ 2012 (Any license, including Express)
- VPS/ Dedicated Server Capacities:
  - At least 200MB Storage Space
  - At least 500MB Free memory.
  - At least one CPU core.
  - Requirements may vary according to installation type, scope and estimated work load.

## Optional Customization:

Customization works are expected on medium- large scale installations. As a software company, we have a proven experience of more than 10 years in developing and customizing software solutions, as well customizing BookitLab to customer requirements.

## Support:

- **Ongoing Support Offered Package:**
  - Unlimited Support by phone / email.
  - Critical support availability 24/7 by phone/ email.
  - Ongoing support availability: Sun-Thu 8:00am- 8:00pm GMT+2.

## Software Upgrades:

- Software upgrades of the installed modules are included in the annual license costs.
- Upgrade dates are pre-coordinated with the customer.

## References:



"We purchased BookItLab last year as a scheduling solution for our lab equipment. It has almost entirely eliminated the time needed to manage the scheduling and fees, and our students and industrial partners really like how easy it is to use. The customer service we have received from Prog4Biz has been outstanding. Amir and his team have been responsive, helpful, and patient as we learned to maximize the benefits of this software."

**Karen Ryan, Equipment Engineer, [Gateway University Research Park, NC](#)**



" We have been very pleased with the ease of making instrument reservations, tracking instrument usage and the equipment access control features. The software support has been outstanding; right from implementation through day to day operation. I would highly recommend this product both for its affordability and effectiveness"

**Dr. Randy Whittal, Manager, University of Alberta**



"We setup BookitLab last year and haven't looked back. The system is a great way to maximize utility on all our core equipment. BookitLab allows us to schedule equipment and manage user fees with ease. It also makes adjusting those schedules painless. Amir and his team have been tremendous in customizing our setup to meet our needs. I would highly recommend BookitLab as a great value."

**B. Drew Rockett, PhD, Operations Manager, [East Carolina Diabetes and Obesity Institute](#)**





"Approximately 3 years ago we purchased BookitLab - Core Facility Management Software. Since then our center has become much more efficient. We were able to generate financial reports, track users activities and monitor instruments failures.

I want to thank the CEO, Amir Bokovza and Prog4biz Company for their professional support, availability and innovative ideas for developing and improving our unit."

**Dr. Itay Lazar, Head of Scientific Equipment Center, [Bar Ilan University](#)**



"As a director of the Interdepartmental Core Facility at the Sackler School of Medicine I really needed a program that would allow me to monitor and control booking, usage and billing of the many devices in our ever growing unit.

I finally found BookitLab which has proven to be the answer to task.

The installation of BookitLab in our unit has yielded increased availability, fair user time allocation and overall financial management.

All these are now simplified and computerized.

At present we have over 150 research labs with 500 registered users on line using our facilities. No one can work without registering into BookitLab, booking usage time, logging on with their personal user name and password and being paid up (within preset limits).

BookitLab has allowed us, and individual user labs, to immediately produce all financial reports necessary for all accounting purposes.

We are very pleased with BookitLab and recommend it highly."

**Y. Oschry, Ph.D., Director of Interdepartmental Equipment Labs  
Sackler School of Medicine, [Tel Aviv University](#)**

- Please visit <http://www.Bookitlab.com> for further references.

**Request a Demo:**

Please contact us for an online demo and for any additional information:

<http://bookit-lab.com/contact>

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