ANIMAL BIOWARE™ CLOUD

www.animalbioware.com

EXECUTIVE OVERVIEW

A YEAR OF COMPLEXITY?
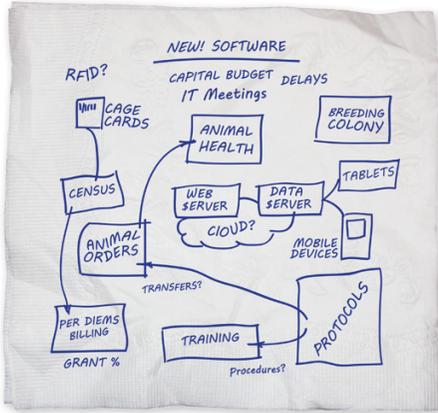
...OR A DAY OF SIMPLICITY?

In today's modern vivarium, instant, accurate, and mobile information is essential to keep pace with researchers, staff and management's needs. That information coupled with the latest in RFID & barcode tracking technology, mobile technology, database technology, and web technology, brings us: Animal Bioware Cloud™

Animal Bioware Cloud™ leverages the simplicity, scalability & reliability of the cloud, and delivers our flagship Animal Bioware™ Software Suite used worldwide by 18,000 users without the hassle of servers, infrastructure, design, project management, delays, or capital budgets.

Seamlessly manage Animal Orders, Animal Health Records, Billing, Breeding Colonies, Cage Card Printing & Housing, Census (Barcode or RFID), Protocols & IACUC processes, Training & SOP's, and more. Using our Animal Bioware™ RFID Smart Label start an RFID census for less than 15 cents per cage.

We handle everything, including the servers, infrastructure, upgrades & backups; so you can get on with managing your animal program. It's all ready and available for you today.

ANIMAL HEALTH MODULE

The Animal Health Module is your key to the veterinary health services & animal medical records portion of the Animal Bioware™ Software Suite. Your care staff, empowered with mobile & barcode technologies, can create animal health cases, preoperative cases, postoperative & monitoring cases. Create follow-ups & treatment plans, and track every animal health detail for both small and large animals.

Health issues can be emailed or paged to principal investigators and veterinarians for near instant response -reducing response time & increasing regulatory compliance. Attending veterinarians also have many reporting options including, case history, reports by facility, or outbreak reports by room.
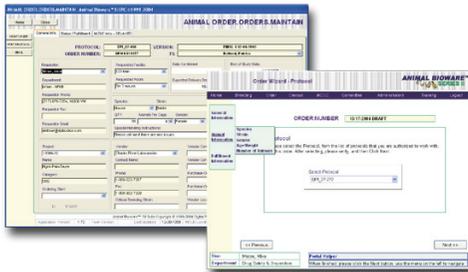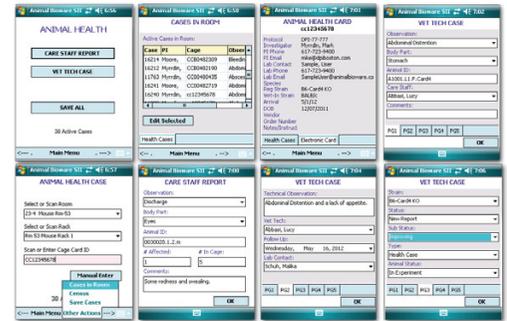

ANIMAL ORDER MODULE

The Animal Order Module, lies at the heart of the procurement process. Directly connecting to the IACUC Module for species/strain balances, and offering a wizard based web portal for investigators and staff to place animal orders, this module will automate the entire animal ordering process -including standing orders and billing and chargebacks.

The Animal Order Module also includes a PC interface for approving, allocating, and placing animal orders, as well as delivery reports, and predictive reports. The Animal Order Module also handles transfer orders, with health staff alerting & regulatory multiple survival compliance notifications.

CENSUS

Coupled with the latest RFID, barcode & mobile technology, the Census Module, is your gateway to facility allocation, billing / per diem, and compliance information. The census information is the key to understanding your current capacity, predicting future capacity, for preparing regulatory reports, and outbreak tracking.   Graph based reports are also available, as well as, reports on department, investigator, and protocol space/resource use.

Utilizing our Animal Bioware™ RFID Smart Label costing less than 15 cents a cage, keep the convenience of single case barcode scanning and the labor reducing power of RFID. Have the best of both worlds -reducing traditional census time & labor by 5000%.

PROTOCOL LICENSE	DPI-04-2012
INVESTIGATOR	Silverman, Jerry DVM
LAB CONTACT	Smith, John
PHONE	X6445
SPECIES	MICE
STRAIN	BALB/c
AGE / WEIGHT	3 Weeks N/A
DOB	1 MAY 12
SEX	MALE
ARRIVAL	26 MAY 12
FACILITY	640 A
ROOM	640-A Barrier
ANIMAL VENDOR	AnimalOrders.com
ORDER NUMBER	OR-12-001
SPECIAL INSTRUCTIONS	Notify PI when animals arrive.

C C 1 2 3 4 5 6 7 8

FRONT SIDE

ANIMAL BIOWARE™ RFID Smart Label

BACK SIDE

BREEDING MODULE

Manage all of your breeding lines & colony simply, efficiently and real-time with our Breeding Module. Track litters, births, wean animals, set automatic litter watches, and create various mating pair styles.

Manage your genotype results, and allow Investigators to look into your colony for potential animal candidates. The module also connects to the Animal Order module, for specific pick lists and animal selection.

The Breeding Module Also connects to the IACUC Module to validate breeding protocols, and balances. Real time information provided by the wireless mobile device.

Our breeding cage cards, also allow for multi-color for all cage cards making lines easily visible within the facility. Novel animal model creation tools, track phenotypes, constructs, and more. With our online web wizard technology, allow your investigators to request new animal models with a few clicks.

BILLING MODULE

Whether you charge back a daily per diem, veterinary services, or for animal procurement, the Billing Module can handle these and any number of other billing classes. Billing classes, such as time entry, export fees, and professional services and many others are included in this module. The Billing Module, automatically creates roll-up invoices, and will export to larger accounting systems.

The Billing Module allows for percentage based protocol to grant mapping, and other web based investigator tools. It also easily handles pharmaceutical project cost tracking. It will allow for protocol discounts, surcharges, and room by room / species by species rates and pricing. The module automatically connect to our Census, Animal Health, and Animal Order modules to automatically collect billing data; and shrink your end of month process time from weeks to hours.
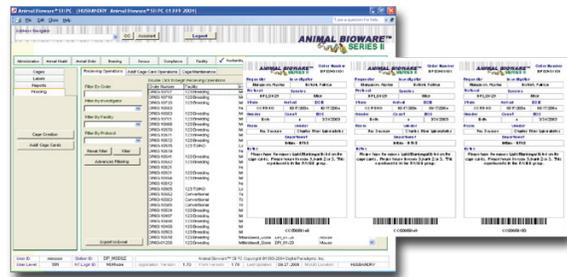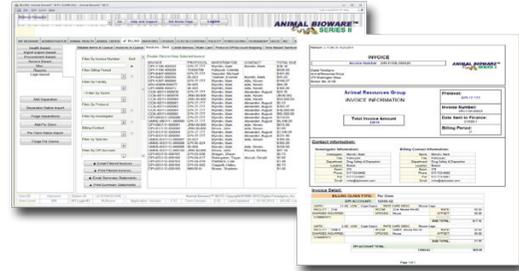
HUSBANDRY MODULE

The Husbandry Module is where basic animal housing & receiving is done, where rooms & racks are labeled, and where cages are maintained & separated. The staff has instant access to approved orders, and can print uniquely barcoded cage cards in less than 3 clicks. Communicate with lab staff and investigators via automated housing emails, and more. When protocols renew allow your husbandry staff to respond with immediate cage card reprints.

FACILITIES MODULE

This module was designed with facility managers in mind. It is meant to help control & predict the flow of animals throughout the facility, as well as manage ancillary tasks such as: room/rack configuration & barcode labeling. Whether allocating space, scheduling deliveries, or managing husbandry staff, this module has the reports, and tools to help manage your facility.

IACUC MODULE

The IACUC Module is where it all begins. The first ever wizard based online protocol creation tool makes the creation of protocols, amendments, and annual reviews as simple as clicking 'Next'.

The IACUC Module allows for online committee review, approval, and revision requests, as well as, meeting & agenda creation tools. The IACUC Module automatically connects to the Animal Ordering Module for balance calculation, and animal transfers.

It also includes automatic reminders of low balance situations, review dates, triennial renewals, and emails investigators step by step throughout the IACUC approval process. Connect to the Training Module and the protocol procedures, and ensure training & procedure compliance.
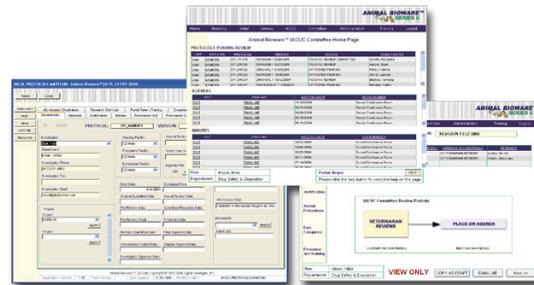
TRAINING MODULE

The Training Module is essential if you have busy staff and your organization has a high training standard. This module delivers your high value training content on areas that can range from SOP's, Husbandry Duties, IACUC training, and any other content you might have related to your animal program.

The Training Module delivers courses via the Animal Bioware Web Portal. It allows for scheduling, testing, and tracks the score and historical information on each staff, researcher or investigator.

The Training Module connects to the IACUC Module providing training & experience information for staff ensuring regulatory compliance for procedures & protocol duties.