

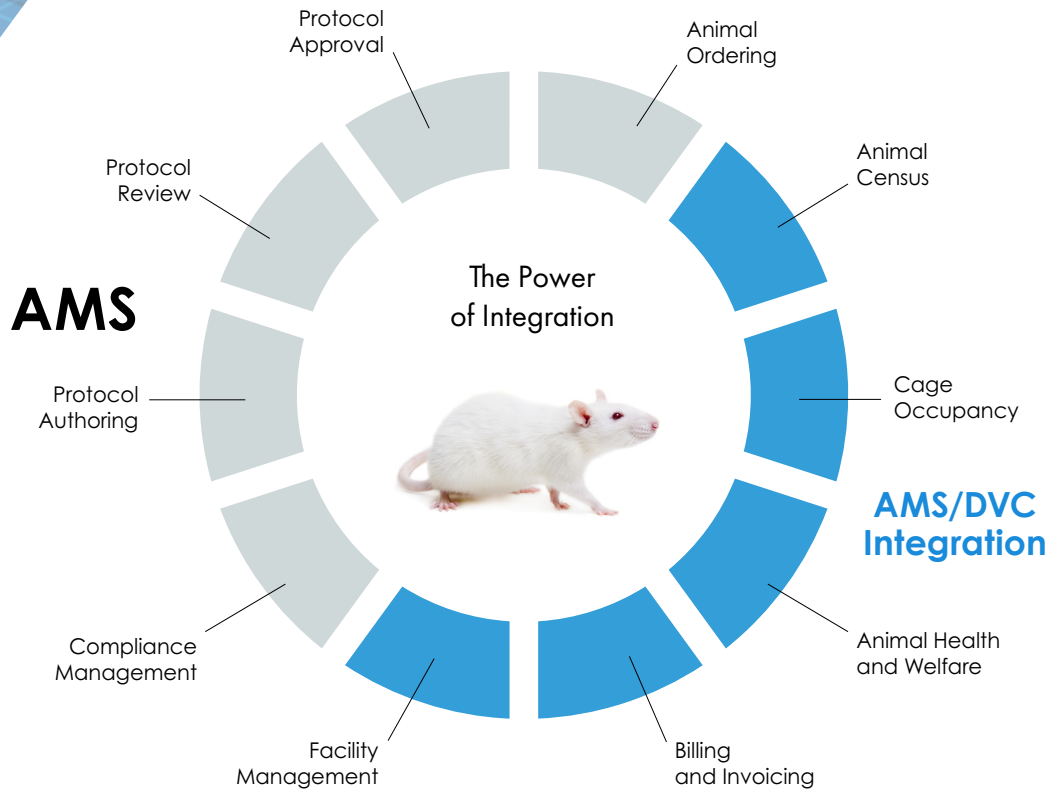


Discover the  
Power of  
Integrating the  
**AMS to DVC<sup>®</sup>**



# AMS+DVC®

## Working together to achieve greater results



### Integration Technology:

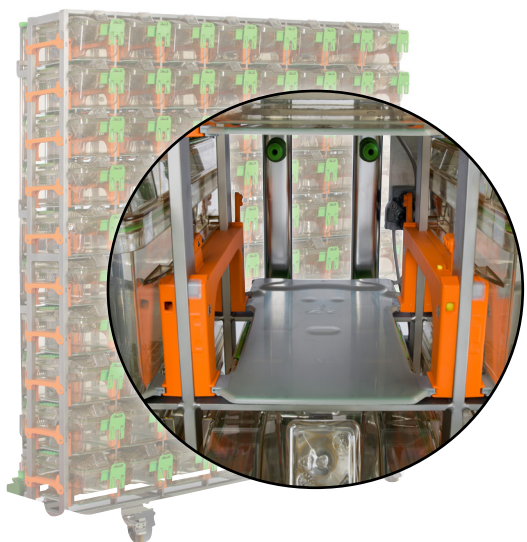
Power up the benefits of AMS

#### AMS/DVC Integration

DVC captures data on cage, rack, and room occupancy directly from the rack. With integration, DVC can push the data directly to the AMS, eliminating manual scanning and human error, improving cage management, and optimizing the use of resources.

Animal Management Systems (AMS) assist research facilities in a number of functions such as protocol applications for research studies, animal procurement, billing and auditing, animal tracking, animal welfare monitoring, and operations.

AMS technology offers great benefits; however, some tasks still require extra time for the scheduling of additional personnel to be completed. Tecniplast's DVC can integrate with an AMS making it possible for the facility managers to optimize the use of resources enhancing operational efficiency, and allowing them to focus on animal welfare.



### DVC® functions that integrates with AMS

- Animal Census
- Cage Occupancy
- Animal Health & Welfare
- Billing and Invoicing
- Facility Management

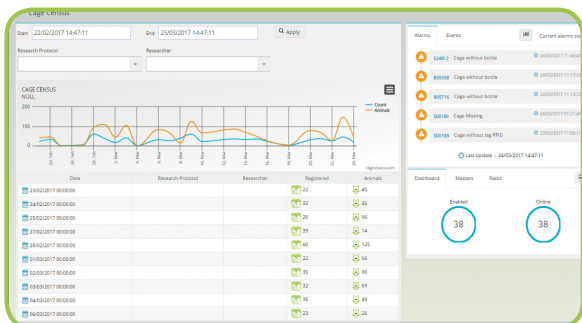
## Data Capturing: How it Works.

In the DVC system, an RFID tag is embedded in the cage filter. A sensor plate installed in each cage position captures the presence of the cage directly from the rack, by reading the tag, eliminating the need for an RFID hand-held scanning or manual data entry. Complete rack and room occupancy are also registered and tracked by the system.

With integration, DVC can push the data to the AMS Animal Census Module.

Data transfer **adheres to the facility's cyber security protocol** to ensure the facility's data remains secure, protected, and confidential.

AMS/DVC integration reduces human error and streamlines data capture for quick and accurate reporting on cages, rack and room occupancy, per diem calculation, and billing and invoicing.



DVC allows to generate real-time inventory reports and manage tasks for every cage registered in the system.



DVC quickly finds and identifies the cages on the rack that are missing or need attention.





## The benefits of integrating an AMS to DVC

- Track cages and room occupancy without manual scanning
- Generate real-time billing and invoicing reports
- Eliminate the risk of errors due to manual data entry
- Add efficiency to the facility's operation
- Optimize use of resources
- Streamline the facility's scheduling and task management
- Promote animal welfare and assist health protocols



## About DVC

The standard components of DVC<sup>®</sup> are:

- Cage rack with sensor plates
- RFID tag embedded in cage filter
- Cage top holders
- RFID readers and charger
- DVC master and application software

DVC has seven modules which continuously capture and record data about conditions, events, and activity inside the cage without disturbing or affecting the animals.

### Modules:

- Cage Census & Location
- Cage Identification
- Facility Planner
- Food & Bottle Detection
- Leak Detection
- Cage/Bedding Changing
- Animal Activity

DVC can work with the most commonly used commercial AMS. Although feasible, the level of complexity of data integration may vary with each customer depending on facility size, systems set up, etc. The closer the collaboration during the process between the facility's IT expert(s), the stakeholders, and the system providers, the better the outcome

To discuss more contact us at [info@tecniplastusa.com](mailto:info@tecniplastusa.com)

Tecniplast is the manufacturer of DVC and provides installation and service only for the DVC system. Tecniplast is not a Data Integration Service provider. Consult with your IT specialist or a service provider about your data integration needs.