



# trace r&d | 2009

## Diamond/Diamant

Canada 

## Platinum/Platine



## Gold/Or

Manitoba 

 Ontario



## Silver/Argent

Alberta

IBM<sup>®</sup>

 ManitobaPork

CANADIAN  
**Cattlemen**  
THE • BEEF • MAGAZINE

## Bronze/Bronze

Alberta Farmer Express  
Canadian Poultry Magazine  
Canadian Wheat Board /  
Commission Canadienne du blé

Consumer & Marketing Demand Network  
Gallagher Canada  
Grainnews  
Intelliware Development Inc.

Manitoba Co-operator  
On Trace  
Trace it Solutions

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# FAST AUCTION SOFTWARE



*Trace R&D 2009 – Winnipeg, Manitoba*



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Reference Systems  
realization



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# Our company

At your service for over a decade !

Founded in 1996, our company provides world wide services.

Our mission is to support our customers in their technological choices, whether in terms of their technological infrastructures or their applications, to assist in the implementation and support throughout the entire process.

The head office is in Quebec city which excels in the field of high technologies with one of the highest concentrations of research and technology transfer in Canada.

Our online services can assist our customers in all fields worldwide.

Our worldwide business partnership also allows us to provide services on site within hours.

Our solutions are proven and guaranteed

Today, we are proud to be able to count on an exceptional team of professionals working for a stable and prestigious clientele.



*Let us prove it !*

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## General Concerns

Problems frequently encountered in auctions !

- Poor livestock identification from producers wastes time and causes confusion in the identification of livestock;
- Poor livestock identification undermines the confidence of the buyer and the integrity of the livestock auction;
- Errors caused by manual data entries in the computer systems creates confusion such as incorrect weight, wrong producers and buyers etc.
- Confusion in loading livestock after sales loses valuable time;
- Manual treatment of data slows down the process and increases the cost to the auction owners.

We created *Fast Auction* as a solution to these problems...

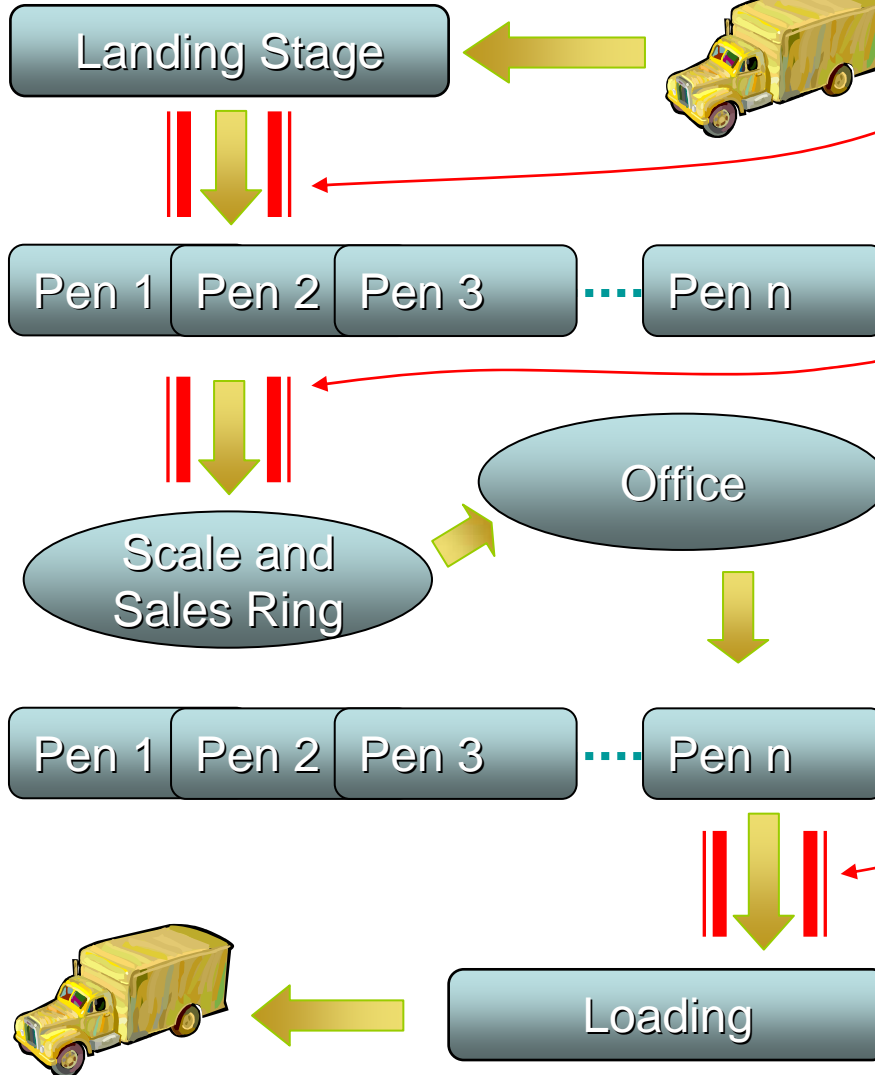


## A turnkey solution

- Managing a complete livestock base on permanent identification and traceability of agricultural products;
- Offers an all inclusive package solution adaptable to your specific needs;
- Becomes a quick and flexible windows friendly user base software;
- It maximizes the use of resources and reduces operation costs;
- The solution should be «future proof» so as to avoid expensive customizing or upgrading;
- Customizes functions for US exportation

*Fast Auction* is a solution we created !





Alleyway reader's

## Diagram of an Auction Process



Landing Stage



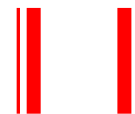
Pen 1 Pen 2 Pen 3 Pen n



Scale and Sales Ring

Office

Pen 1 Pen 2 Pen 3 Pen n



Loading



### Landing stage (unloading)

- The carrier sends the data to the auction by wireless communication before arrival (optional);
- Allows control of all different livestock entries at the unloading docks;
- It identifies the producer, the carrier and manages transport involved in loading.





Landing Stage



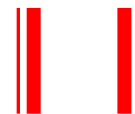
Pen 1 Pen 2 Pen 3 ... Pen n



Office

Scale and Sales Ring

Pen 1 Pen 2 Pen 3 ... Pen n



Loading



Landing stage (tags reading)

Livestock pass through the corridor and ear tags are read by the panel or hand-held readers which speed-up the identification process.





Landing Stage



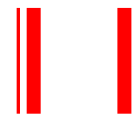
Pen 1 Pen 2 Pen 3 ... Pen n



Scale and Sales Ring

Office

Pen 1 Pen 2 Pen 3 ... Pen n



Loading



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(tags reading)

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Landing Stage



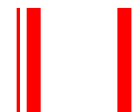
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Scale and Sales Ring

Office

Pen 1 Pen 2 Pen 3 Pen n



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Landing stage (parks)

At this step, all livestock identification is complete and ready to be weighed before entering the Sales Ring.

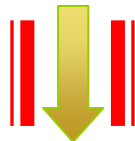




Landing Stage



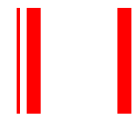
Pen 1 Pen 2 Pen 3 ... Pen n



Scale and Sales Ring

Office

Pen 1 Pen 2 Pen 3 ... Pen n



Loading



### Scale and Sales Ring

- Serves as a management tool by stabilizing the scale (if necessary) and prints the sales ticket which includes all the vital specifications.
- This application manages livestock individually or by lot.
- Providing all relevant information related to the sale.
- Increased protection for accurate weight mesure.

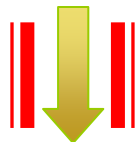




Landing Stage



Pen 1 Pen 2 Pen 3 ... Pen n

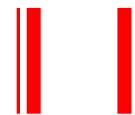


Scale and Sales Ring



Office

Pen 1 Pen 2 Pen 3 ... Pen n



Loading



### Office Management

- Responsive and accountable operational support.
- It manages the entire auction process, from the inscription to the issuing of the invoices and checks.
- Creation of data files for the transmission of information concerning the electronic tags to the cattle association or the government.
- Customized technology solutions to reduce paper work and improve data management by allowing the staff to operate more efficiently.



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# FAST AUCTION SOFTWARE

## Auction process



RÉFÉRENCE systèmes



Landing Stage

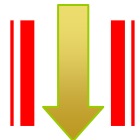


Office Management



Pen 1 Pen 2 Pen 3 ... Pen n

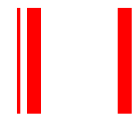
Throughout the process, there are many interactions with the office management.



Scale and Sales Ring

Office

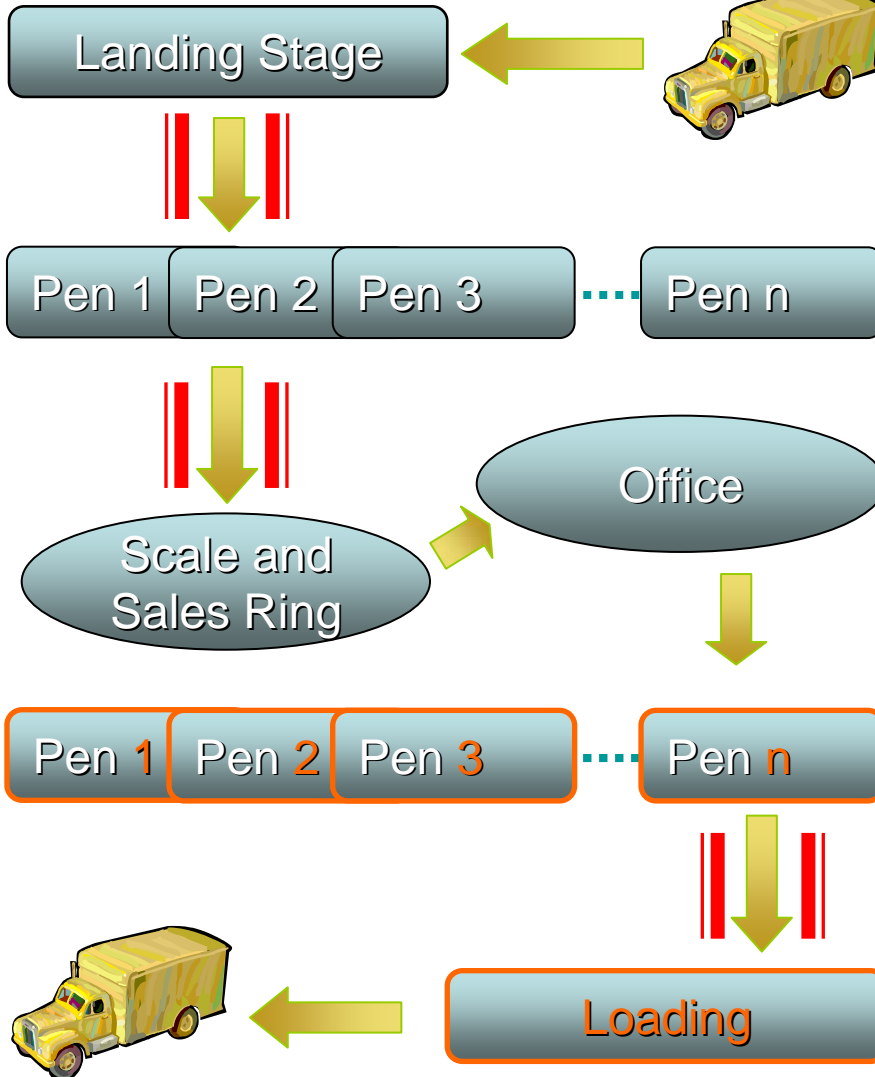
Pen 1 Pen 2 Pen 3 ... Pen n



Loading



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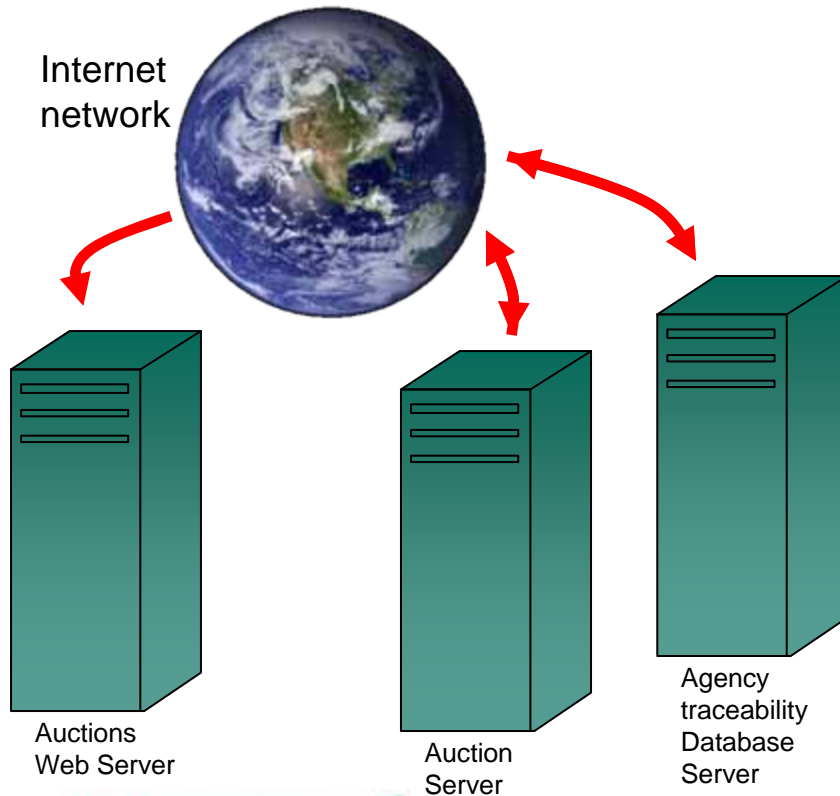
### Loading / Boarding

- Control and validation of livestock loading after sale.
- If the animal is not included among the animals to be loaded at this time, a visual and sound signal will warn the person responsible to separate the animal or animals.





Throughout the process, some information are transferred between different sites :



- From the auction server to traceability agency with specific information concerning the source (producer) and destination (buyer) of the animals;
- The ages and many other specifications concerning the animals from web service site of traceability agency directly to the fast auction system;
- From the auction server to the auction web site for displaying statistical information about the sales.

Fast Auction uses four different modules covering the entire auction process :

**TAGSCAN Module**

**SCALE Module**

**AUCTION MANAGEMENT Module**

**BOARDING Module**









### ADVANTAGES

- Electronic tag reading before loading;
- Identification of the proper animal to the buyer before loading;
- Prints the strip identification of each animal loaded;
- Sends online information to the Auction Management module.

