# www.pshubazar.com

#### E-LIVESTOCK Market PLATFORM:

#### **About Infovet:**

Infovet is dedicated to provide complete e-solutions for livestock industry, especially suitable for developing and under-developed countries. We have collaborated with Bombay Veterinary College and developed a number of software solutions suitable for dairy industry. Our mission is to help the farmers in achieving higher productivity, better scientific management and enhanced profitability. We are part of larger consortium comprising of Chitale Digital, Chitale Dairy and Syncroft Solutions.

### **Our products:**

#### Software programs:

- Herdman<sup>com</sup>: For commercial dairy farms
- Herdman<sup>coop</sup>: For dairy cooperatives This is a networking software suitable for field data capturing from village dairy cooperatives to veterinarian center and the milk union headquarters
- Herdman PDA: The village herd health and productivity management software for pocket PC useful for the animal health workers / veterinarians.
- Herdman Server: For the milk union server enabling data merging and macro data analysis
- Semen<sup>perfect</sup>: For e-management of bovine semen banks, AI data management and progeny testing
- Pashubazar.com: For e-livestock and animal product marketing

#### Hardwares:

• MilkTrac: Hand held device for on-farm data collection and interfacing of milk weighing scale to Herdman

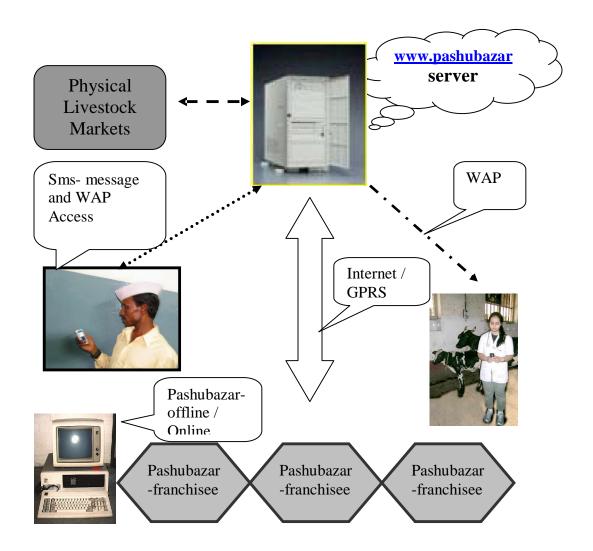
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E-Livestock Market Platform Concept Model

# www.pashubazar.com

#### Our Mission:

To eliminate farmer-exploiting middlemen by providing infrastructure and e-solutions to help the livestock farmers access national market

#### Rationale:

- Good quality animals are the major input that would decide the success of the dairy business. Unfortunately at present the sale and purchase of livestock is unorganized and mostly in the hands of middlemen leading to exploitation of both the selling and the purchasing farmers.
- Animal performance recording in terms of fertility and milk production is an important function for better scientific health and productivity management. This core function also enables scientific breeding leading to better breed animals. An important benefit of keeping animal records is that the farmers can get better price for good animals whereas the farmer purchasing such animal would have greater confidence level.
- In India there are a large number of weekly / permanent livestock market in villages wherein the farmers transport their animals and the purchasing farmers visit these markets to finalize the purchase. These are distant from each other. If the livestock market data is networked through e-market platform the farmers would be able to get greater access facilitating the elimination of middlemen.

#### **Our Business Model:**

We have developed a unique business model beneficial to all the participating components. The basic premise is that the veterinarian and para-veterinarian those is in touch with the farmers on day-t-day basis and provide services can also collect animal breeding, production and health records. These AI workers using the web-market platform can also help the farmers in sale and purchase of livestock, products, fodder and other inputs and services. The AI workers or others agencies such as 'Village Infokiosk', cyber-café, etc., act as franchisee directly or through the Milk Union and such other agencies. Since in rural areas day-long internet connectivity

may not be available hence we have developed 'pashubazar' offline version that can be connected to online version. The second alternate is WAP-based system wherein the farmers of the registered milk union / cooperatives / or such other agencies can also access the web market using their mobiles.

The farmers are nominally charged on per animal registration or per query basis which can be distributed between the franchisee / cooperative society / milk union and Infovet on pre-agreed basis.

The site is also useful for marketing the services of professionals and others who are into livestock related activities. There is also facility of registration of breeders, semen suppliers, transporters, consultants, veterinarians and trainers, etc. This will provide their services greater access. The registration can be done by paying a small fee which is renewable every year.

Through the site the farmers can also engage animal transporters or the laboratory services in the area in case their services are required. In short the site provides them with all the relevant information. The insurance and banking information can also be provided as advertisement. There is also provision of putting up advertisements.

# Activity Flow Chart:

Farmer decides to sale an animal

Contacts the village AI / Animal Health Worker who collects the relevant animal information

Enters the request and animal information in pashubazar-offline Uses WAP connection on his mobile to send the request to Pashubazar server

The Village Health Worker gets the hold information on his mobile / internet file

Information passed on to farmers / facilitate visit of the purchasing farmer

In case deal finalized arrange health and transport certificates and facilitate transport arrangements Farmer decides to purchase animal

Contacts the village AI / Animal Health Worker who collects the relevant animal information

Enters the request and animal information in pashubazar-offline

Uses WAP connection on his mobile to send the request to Pashubazar server

The Village Health Worker browses available information on webmarket / WAP and send the 'hold'.

Information passed on to farmers / facilitate visit of the purchasing farmer and help in selection decision

Help the farmers post-transport in vaccination / de-worming and other measures

# Market Potential and Scope:

India has the largest number of livestock. More than 80% of the livestock is owned by marginal farmers and landless labors, who use livestock for easy liquidity when they need cash. Many farmers have also taken up breeding and rearing of animals for sale to others, especially to urban and larger farms. As per our data, around every year around 10% of the adult animals in the village change hands and are sold for various reasons. The numbers are higher for food animals such as sheep, goat, etc. Considering the dairy animal population in the country it can be safely estimated that every year around 50 lakhs cows and 30 lakhs buffaloes are sold and purchased. The number of goat and sheep sold and purchased would be around 10 million. Even if 10% of these sales can be converted into e-sale, there is a great business potential. Apart from these the farmers can also be helped in selling eggs, poultry, equipments, farms, fodder, etc. There is also scope to enjoin the banking and insurance sector with the livestock marketing activity. For example, while going for purchases, the farmers have to take large sum of money, which is with ridden with risk. The bank coupon kind of system can be initiated for easy transfer. Insurance could be provided at the time of transporting of the animal so as to lower risk losses during the transport.

# <u>www.pashubazar</u> – **Salient Features**:

Pashubazar is available as offline version that can be easily installed on any Pentium desktop. On receiving the registration fee and deposit the franchisee is registered and activated by providing user name and password. The franchisee is also provided with user name and password for WAP data access. This enables him pashubazar data browsing. The farmers can be kept in loop through auto-sms messaging system generated through the web-server.

**Pashubazar-offline:** An offline version is also available which a simplified version of



the online is. This enables the franchisee to operate even if there is no continuous internet connectivity. This has all the sections required for putting up request for sale and purchase of animals, products and other The format is very items. simple to operate. The data export and import from the offline to online is also extremely simple and can be done using pen drive. even if the franchisee is not having anv internet connectivity he can use nearby

cybercafé for services.













From the above screens it would be evident that the web market offline version is easy to operate.

**Pashubazar-Online:** This is available online. Type the http address and enter to open the site. The site has been developed so as to provide ease of operation. Following screens will give an idea of the simplicity with which the site can be operated.



**Unique Features:** The site has been interfaced with Herdman software if deployed in village dairy cooperative or the milk union. This enables the transfer of the animal's data to the site. The purchaser can see the lifetime information of the animal. The website has also been provided with WAP interfacing so that the veterinarian and the farmer can also use using the WAP-enabled mobile. There is also auto sms alert facility in that when ever there is a hold for an animal or the product or the services the concerned person / agency is sent an auto-generated sms alert.

# Now we are looking for regional marketing partners who can join as business associate

For further details please contact:

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Visit: www.pashubazar.com (for the trial site)