

# WHAT IS IT AND WHAT CAN I DO WITH IT?

*Leslie Bergh*

*ARC-Animal Production Institute, Irene*

## WHAT IS INTERGIS?

INTERGIS (integrated registration and genetic information system) is a combination of databases and programmes that address the animal recording requirements for a wide spectrum of role players in the cattle industry, of breeders and owners of pure bred animals, as well as the personnel from the Registering Authorities, performance and recording agencies, National and Provincial Government Authorities, advisors and consultants and related organisations in the industry.

## WHAT IS LOGIX?

Logix stands for Livestock Operational and Genetic Information Exchange. Logix is basically an entry port via the internet to data on the INTERGIS. The aim of the Logix functionality is to offer the various users a user friendly entrance to the databases concerned and to address their requirements regarding specific information and data exchange by means of functional programmes and screens which are joined by a set of applicable screen choices (menu).

Logix offers stud and commercial breeders, the Breed Society personnel, Registering authorities (such as SA Stud Book and SA Holstein) and the ARC Animal Production Institute access to the data on INTERGIS. Breeders and Breeders' Societies receive direct and user friendly access via Logix for all types of data, for herds and animals in the breed.

## FUNCTIONALITIES

Typical functionalities for the Logix system include among others:

### • ENQUIRIES:

#### - Participation:

- Participant details
- Herd designation mark
- Prefix

#### - Registration:

- Registration details
- Cow card (registration data)
- Pedigrees
- Linear classification

#### - Performance:

- Performance test data and Breeding values
- Cow card (performance data)
- Animals measurements

#### - Statistics:

- Breed counts
- Herds
- Animals

### • REPORTS:

#### - Participation:

- Participants list
- Address labels

#### - Registration:

- Administration:
- Inspection list
- Comparative statistics
- Imported animals list
- Invoices to breeders' societies
- Auction catalogues

#### - Production and Pedigrees:

- Export certificate
- 3 and 5 generation pedigrees
- Cow progeny summary
- Bull progeny summary
- Selection list

#### - Reproduction:

- Herd reproduction report

## ACCESS

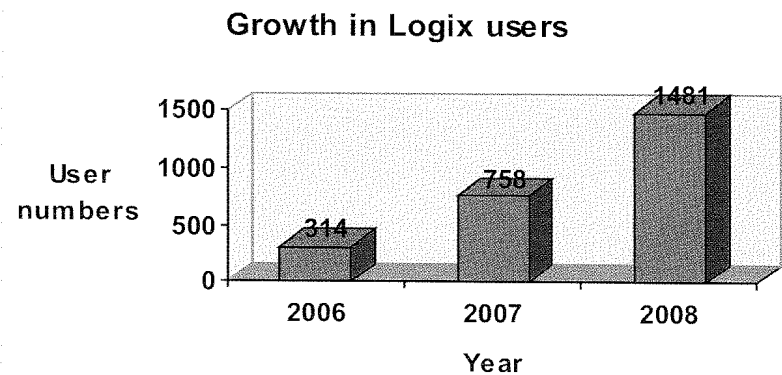
The Logix system has an extended security system and a specific breeder will, for example, only have access to his/her own data and breeding values, unless the breeders' society has decided to give open access to all breeders of that particular breeders' society's data. Societies have access to the data of all breeders and animals in their breed. The Logix facilities are available to persons/authorities who have a personal computer with access to the Internet. The programmes are accessible through the website [www.logix.org.za](http://www.logix.org.za). A user code and password are available from INTERGIS and can be obtained after an application form has been completed. Application forms are available from the Logix website.

## FEES

All functions and reports in Logix are freely available at present, except the sales catalogue (cost to the seller).

## GROWTH IN NUMBER OF USERS

The following graph gives an indication of the popularity of Logix



- Herd status report
- Exceeding of reproduction norms
- Reproduction statistics summary
- Reproduction status report
- Detailed reproduction report
- **Performance:**
  - Breeding value search engine (search in breed for animals conforming to the user-defined breeding values requirements)
  - Weighing lists
  - Pre-wean, wean and 12 and 18 month reports
  - Cow progeny summary
  - Breeding herd selection report
  - Growth test report
  - Performance certificate
  - Body measurements report
  - RTU scanning report
  - Functional appearance scores report
- **Inventory:**
  - Inventory list
  - Non registration animals
- **Other:**
  - **Free format report**
- **SERVICES:**
  - **Data extraction:**
    - Farm software
  - **Utility programmes:**
    - DNA results
    - Calculation of weigh date limits
    - Comparative statistics
- **DATA CAPTURE:**
  - **Registrations (Birth notifications)**
  - **Performance test data (Phases A & B)**
  - **Linear classification**