

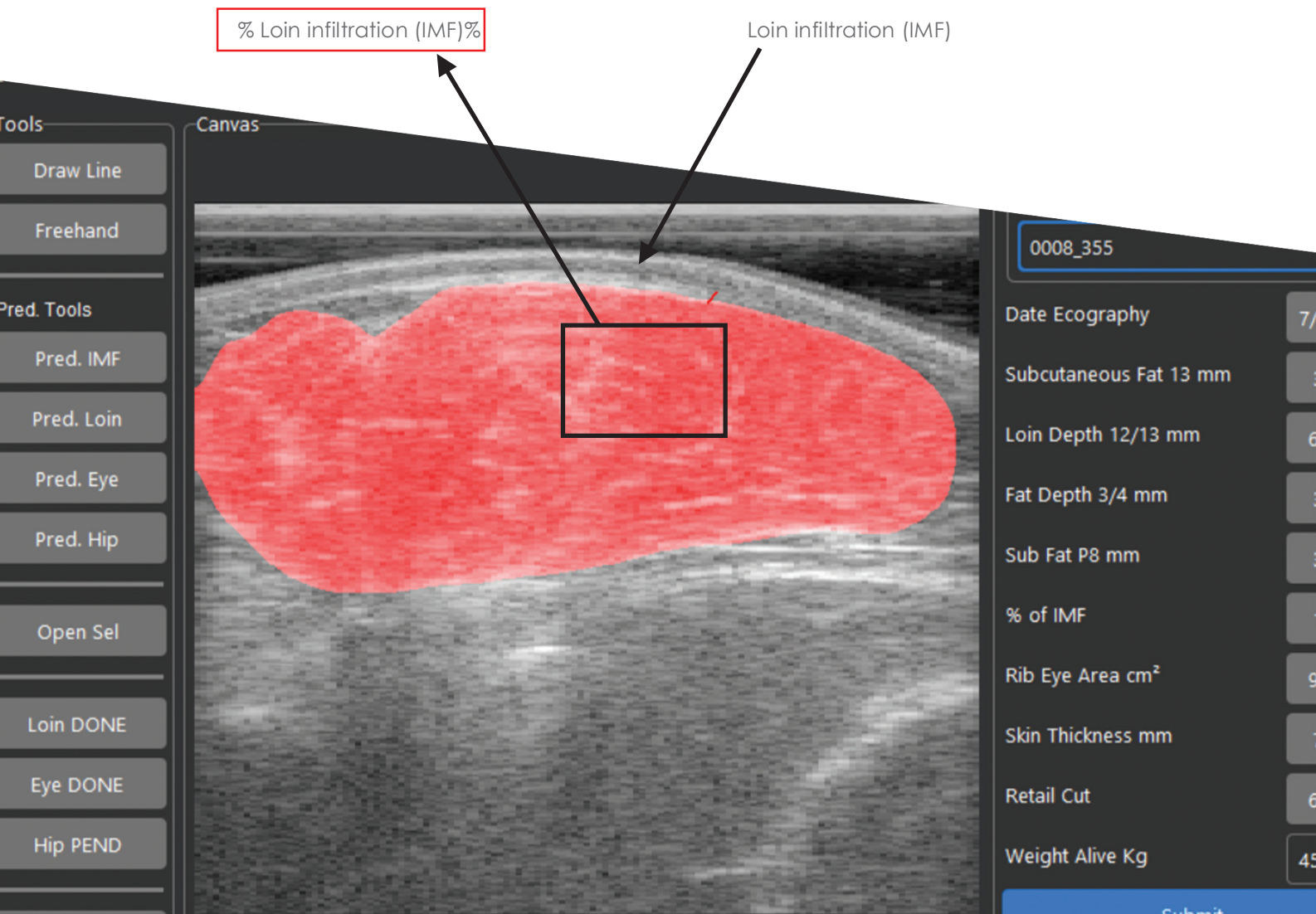
History

MeatQtext software was developed and designed for the growing demand for customers to identify IMF levels more efficiently.

Leading production countries, such as the USA, Brazil, Argentina, Australia and emerging markets like Europe use ultrasound to predict intramuscular fat content and retail cut.

This way, MeatQtext was born.

The measurement of infiltrated intramuscular fat in production animals, known as GIM or IMF (Intramuscular Fat Content), is essential both for marketing in the meat industry and for genetic selection.



Contact us now

📞 **UK** +44 (0) 1506 460 023
IE +353 (0) 42 932 0070
USA +1 (800) 210 9665

Follow us

✉ info@imv-technologies.com
🏠 imv-technologies .com

Check out our other resources



The measurement tool for infiltrated intramuscular fat.



Developed and validated with image analysis and artificial intelligence

Fast, accurate and precise prediction of anatomical and fat infiltration measurements. Results calculated from thousands of images for each animal.

- Estimation of the loin intramuscular fat between ribs 12 and 13 *.
- Estimation of dorsal subcutaneous fat at rib 13.
- Subcutaneous fat depth at the rump (Australian P8 point).
- Measurement of loin area and subcutaneous fat in cross section.
- Determination of retail cut.



Operation in accordance with BREEDPLAN, Ultrasound Guidelines Council (UGC) and International Committee of Animal Recording (ICAR) standards.

The quality of the MEATQTEXT project has been recognised by the European Commission with financial support thanks to the EUREKA and INNOWWIDE programmes.

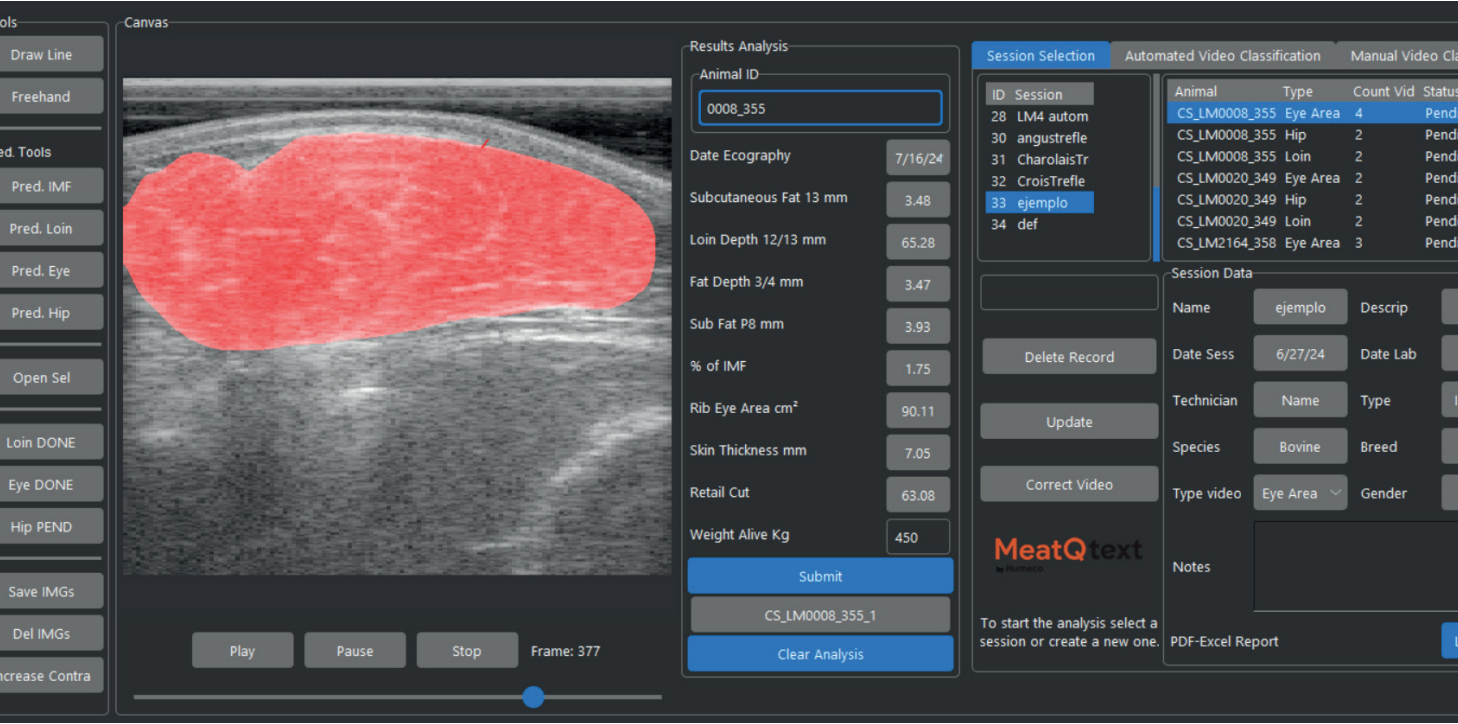


*Validated in the main meat breeds with animals up to 24 months of age.

Quality and usability from the first minute

MeatQtext is a versatile tool that allows users to analyse images both manually and automatically, offering various degrees of accuracy depending on their needs.

What differentiates us is the use of five advanced artificial intelligence models and machine-learning regression techniques, which it employs for specific tasks. These range from classifying images to measuring fat values or calculating distances and areas within images.



- More than 500,000 images analysed.
- Manual and automatic image analysis capability
- Powered by 5 artificial intelligence models
- Detailed functions: classification, measurement of fat values, and calculation of distances and areas
- Cloud processing for fast delivery of results
- Versatile export: PDF, Word, Excel and SQL connection
- Validated in real-life situations with extensive database



Software only compatible with images obtained with Exapad equipment.

Advantages

Live animal ultrasound is a non-invasive technology that allows the producer to assess the meat quality of an individual animal while it is still alive, instead of collecting this data from the carcass at the slaughterhouse. This improves decision making allows to improved decisions about culling or the replacement of animals.

- MeatQtext improves the precision and accuracy of existing methods.
- Interpretation fees and royalties are avoided.
- Minimal training. No certification courses required.

