After signing the forest concession agreement, it is up to the concessionaire to approve from IBAMA its forest management plan and to start its forest exploration activities. The Brazilian Forest Service is responsible for monitoring forest production and compliance with agreed contractual clauses. This is done through production control, activity monitoring and technical performance indicators.

The monitoring process in large areas, such as Brazilian national forests, is a complex activity considering the logistics and human resources employed.

Ten years after the start of operations of the first forest management contract, the Brazilian Forest Service has made great strides in creating, implementing and improving monitoring techniques.
The Chain of Custody System - CCS - is a computerized system developed by the Brazilian Forest Service to control production and the traceability of wood production. For example, the CCS ensures that the timber buyer, anywhere in the world, has the ability to track the entire management, extraction and processing, following the path of this timber from the forest to its end use in the industry. The traceability of wood is also an opportunity for the concessionaire to demonstrate to the consumer market the legality of his product. For this, the Brazilian Forest Service has developed an application for phones and tablets.

Through satellite imagery use, the Brazilian Forest Service is able to assess the concessionaires' compliance with the implementation of the Sustainable Forest Management Plan, as well as to warn of any irregular activity within or near the concession.

From a sequence of photos taken with remotely piloted aircraft (drones), using the principle of stereoscopy, it is possible to obtain a measurement of the volume of stored wood in a courtyard. Images of the log piles are processed in a system developed by Embrapa and Brazilian Forest Service. Thus, this costly work is done in a few hours, which was previously done manually in the field by technicians in several hours of work. Because it is a very accessible technology and easy to operate, drone images are important monitoring tools in forest concessions.