

Taka Norjopa (Machine Speech)

The Taka Nojopa (*machine speech*) is the basic operating system used by the [Poku Saeruo Degonjo](#) for all non-brain information systems. The current version came into use in 751 CY ([YE 12](#)). The operating system is the first completely written by [Jodau Sumanâjo \(Synthetic Brain\)](#)s. The OS is modular, and adding various modules provides various functions for the device operating it. This feature allows individual modules to be upgraded or enhanced without having to rewrite the entire operating system.

The modules consist of the following:

Module	Description
Core	
Simple	This is the basic version, typically used in small hand held devices
Advanced	This is the version used by devices equipped with a Iginâ Jodau'ta Fiqorka (Neuron Processor Module)
Data Processing	
Simple	This version is cable of basic data manipulation
Advanced	This version provided advanced data manipulation, capable of pattern recognition, see Data analysis for more examples.
Input/Output	
Simple	Provides interface with standard Poku'vonai keyboard, and direct connect Iginâ Wumyojo Fiqorka (Neuron Storage Module) .
Advanced	Provides Interface to fiber optic networking and secure wireless, Iginâ Wumyojo Fiqorka (Neuron Storage Module)
Unique	This provides the device with unique I/O capabilities based on its function. Keypad for Communicators, Touch screens for data pads, sensor controls.
System Control	
Any	This module provides a device with the necessary command and control access capabilities to operate control system, eg pilot station, life support, gravity control, weaponry, shields
Security	
Basic	This feature is common to any Poku Saeruo Degonjo piece of equipment with memory, its purpose is to purge the memory of the unit in the event of tampering.
Advanced	This feature has the same aspects of the basic, but also provides several levels of encryption as well.

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