# ELABORATION TIMES

**3 mS** — Time taken to acquire a data structures that contain all the data for the scan volume

**8 mS** — Time taken to convert the data structures into parameters like temperature , pressure, velocity and radiation level.

**6 mS** — Time taken to convert the data matrix into a 3D visualisation of the mulecular structure.

**7 mS** — Time taken for the user interface to update with the required results and informations

# ACSCHEM SYSTEMS

**AISLOGIC** bases all the systems on higly evoluted artificial intelligence solutions. Each software is natively born from deep neural networks solutions and higly integrated FPGA elaboration technology.

**AISLOGIC CHEMICAL SCANNER** allow the user to evaluate chemical composition , 3d moleculars structures , bacteria structures, tomographic images and physicaò datas without dangerous emissions.
Aislogic ACS is certified for medical applications and laboratory PPB.

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**AISLOGIC**
Artificial Intelligence and Softwares
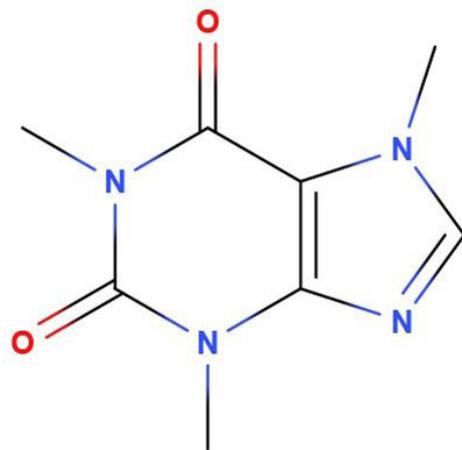
AISLOGIC
**ACS** SYSTEM
Integrated system for chemical analysis and  physics parameters evaluation
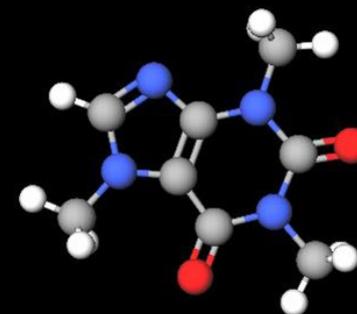
## SOLUTIONS

### SOFTWARE DEPLOY

AISLOGIC offers different kind of software deployment solutions based on the customer needs and infrastructure.

Each solution is not time limited and bring to the customer full control of the system and 24/7 data acces possibility.

### ON PREMISES SOLUTION

With the on premises solution the central computational hardware is based in the customer infrastructure.
Is care of the customer to mantain and provide system accessibility.

### ON CLOUD SOLUTION

On cloud solutions allow the customer to reach high standards computational power possibilities.
Each machine is deployed in the aislogic global datacenter networks.

### HIBRID SOLUTIONS PROVIDE WORLD WIDE GSM COVERAGE

## DATACENTER NETWORK

■ The datacenters network is composed by 40 regions that covers over 120 countries.

The datacenters computation power is a main core possibilities for Aislogic. Datacenters allow to produce fast and accurate high density simulation of product and processes. The virtualisation process allow fast deploy in different sides all around the world.

### World Wide NEtwork Specifications

1  MIL58 security standard

2  TIER4 buildings security

3  24/7 operational time 365/365

4  Full data protection and no outsurcing.

## //CONTROL STEPS

1  **ANALYSE :** Open the Aislogic interface and start the scan process (3 mS).

2  **VISUALIZE:** Visualize the 3D structures of the analyzed volume.

3  **LOG DATA :** Check all the physical data acquired by the systems frame by frame.

4  **REPORT:** Produce a LAB/MEDICAL report based on the customer standard.