Java/

Objective C

SAP

**DEPLOYMENT VIEW**

Flight Status Informer

DS2

Weather Forecaster

DS1

Machine Learning module

Machine Learning Wrapper

Mathematical module

HANA

Traveler/Customer

Alternate Recommender

Data Filter

Data Collector

Parser

Travel Investigator

Application Server

Tablet(iPad)

JDBC

Past Weather Data

Past Air Delay Data

HTTP(s)

API(s)

Cloud

The deployment view depicts the topology of software components on the physical layer and the physical connections between them. The deployment diagram above shows the different hardware components called “nodes”, the software components that run on each node and how they are connected to each other.

The table specifies the nodes and the software components running on the nodes:

|  |  |
| --- | --- |
| Node | Software components running on the node |
| Tablet | Java/Objective C |
| Application Server | Parser, Travel Investigator, Data Collector, Data Filter, Alternate Recommender, Machine Learning Wrapper |
| HANA | Past Air Delay Data, Past Weather Data |
| SAP | Mathematical module, Machine Learning module |
| Data Source 1 (DS1), Data Source 2 (DS2) etc on Cloud | Weather forecaster, Flight status informer. |

The Tablet and Application Server are connected through HTTP(s), the Application Server and HANA are connected through JDBS and the Application Server and Cloud are connected through APIs.