New customer installation

If you are a **new CAST customer** or if you are standing up **new hardware** specifically to onboard a new Application, you can perform a **New customer installation.** The steps required are as follows:

Step 1	**Get the installation media**	Download the required software components from **CAST Extend**.
Step 2	**Install AIP Core**	**AIP Core** is the "backbone" analysis and snapshot engine. One instance of AIP Core per server ("AIP Node") is required.
Step 3	**Install CAST Storage Service or PostgreSQL**	CAST highly recommends the use of **PostgreSQL** on a **Linux** instance as this consistently gives the best performance.
Step 4	**Install CAST Extend Offline or Proxy - optional**	CAST Extend Offline/Proxy is **only required** if (due to security concerns for example) your organization/AIP Console cannot interact over the public internet with CAST's Extend system for Extension management. This package provides CAST's Extend system as an "offline" component which can be installed as an on-premises solution.
Step 5	**Install AIP Console and AIP Node packages**	Run the AIP Console installer to install the **AIP Console package** on a dedicated server and **AIP Node package** on all AIP Nodes.
Step 6	**Initial configuration steps**	Perform the initial configuration steps using the AIP Console front-end: • Install additional tools and patches - optional • Configure AIP Node storage folder locations - optional • Ensure AIP Console and AIP Nodes are running • Complete start-up wizard • Declare AIP Nodes in AIP Console • Determine Extension Strategy
Step 7	**Install CAST Dashboards - new customers**	At the current time there are two methods available for deploying CAST Dashboards (Health/Engineering) - each option has its advantages and disadvantages. • **Use standalone dashboards** • **Use dashboards embedded in the AIP Console package**
Step 8	**Access AIP Console**	When the installation is complete, access AIP Console using the following URL. Ensure you specify the correct **server** (change "server") and **port number**: `http://<server>:8081/ui/index.html`