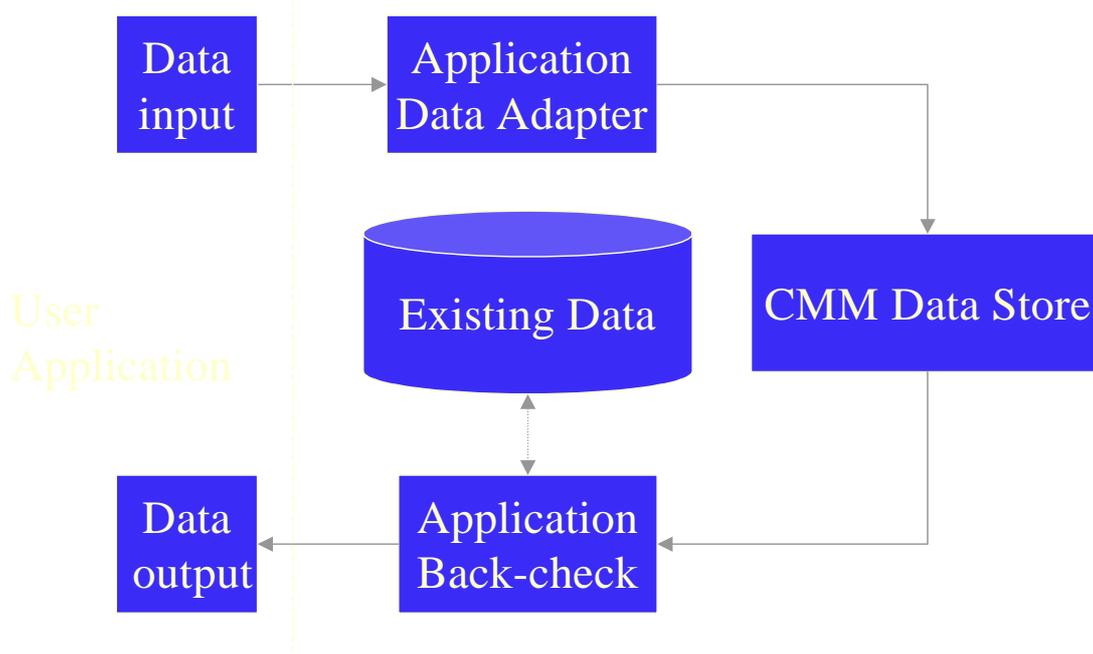


AURA enhancing your existing data.

The AURA technology operates to enhance your existing data by allowing you access to data that your current database is unable to or, at best, is too slow to access.

As shown in the diagram below, the AURA technology wraps around your existing data and data-base system. Three components make up an AURA based solution, the Application Data Adapter, CMM storage system and the Application Backcheck.



The Application Adapter decides if the data request can be served by your database or AURA based access is needed. If a normal access cannot be made by the adapter converts the input request to a suitable form for the AURA data storage system, the CMM. The CMM is a very high performance data storage system. Cybula has a very fast bit level implementation of this storage system as well as accelerator hardware in the form of the PRESENCE I and II hardware and the Cortex-1 system. The CMM stage returns a small set of items that could match your data, the final 'back check' stage allows the system match the exact details of the data. This last stage may use the rules that you already have for matching data, but are too slow to apply to the complete dataset that you have. The CMM stage allows your rules to operate quickly and effectively on just a small amount of data. The combination of a very fast CMM 'rough' access and a detailed, but slower, back check is at the heart of the AURA method.

This approach allows you to continue to use your existing data and database. You can use rules for matching that you may have, or use one of Cybula's back check systems.