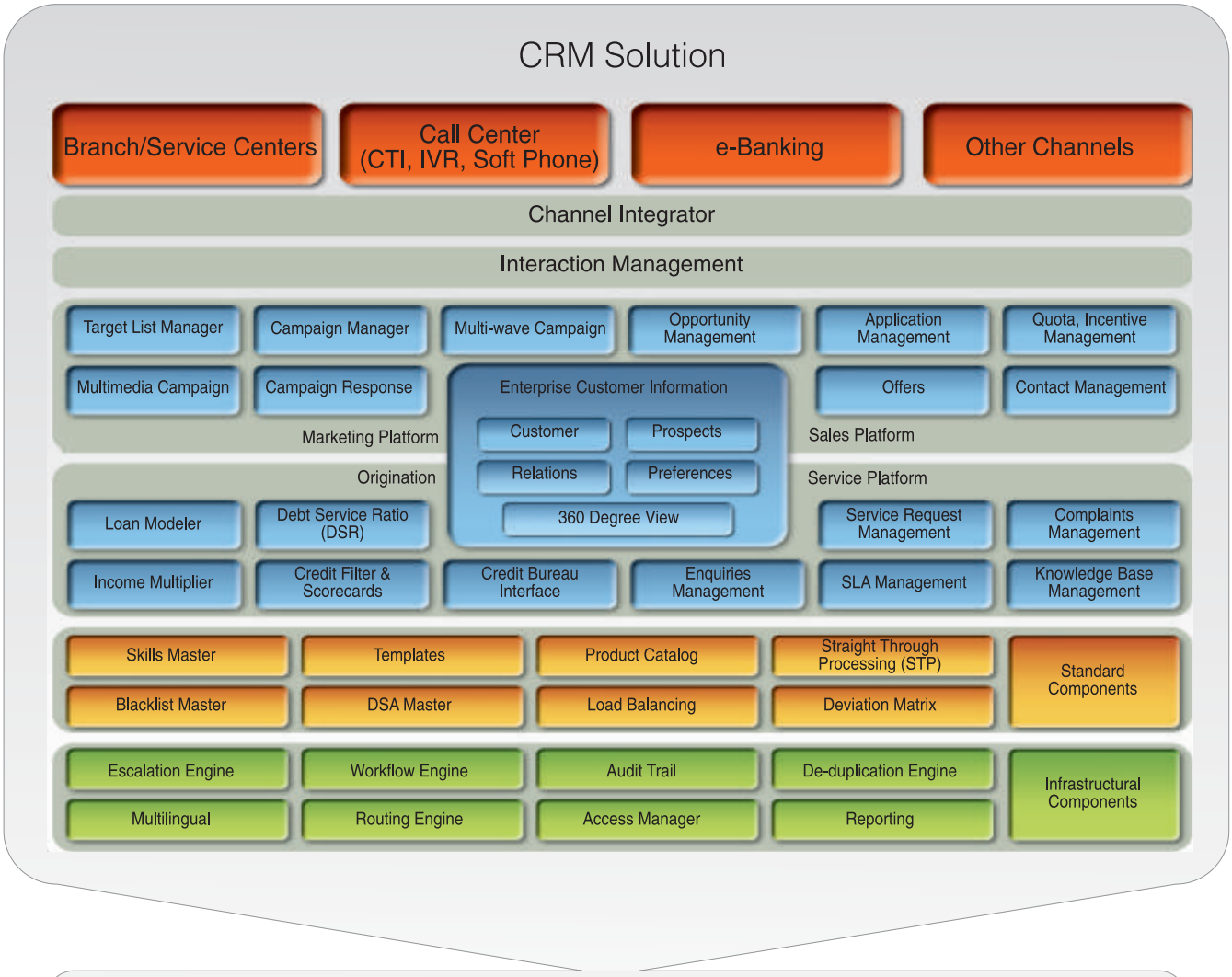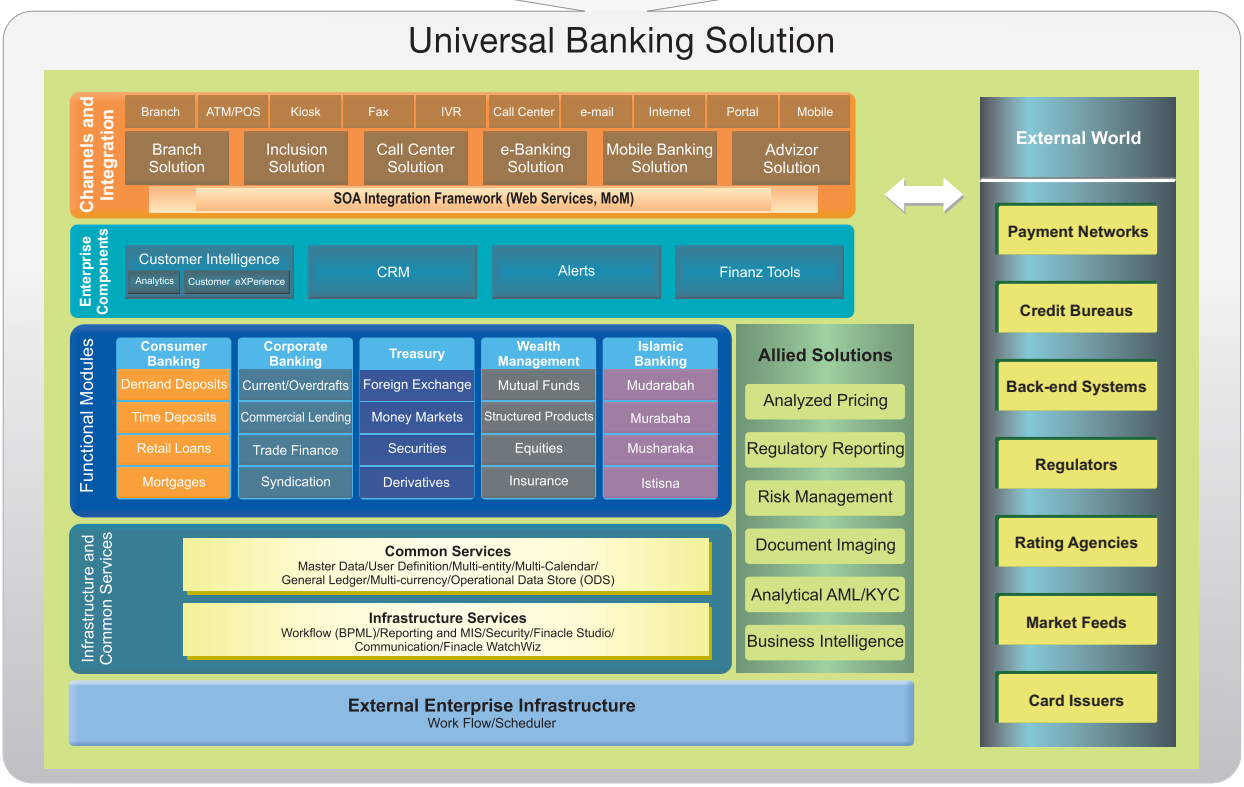Functional Architecture