



## NLINK® ADC TO SAP® SOLUTION

The **NLINK® ADC to SAP® Solution** provides a pre-built out-of-the-box seamless integration between Automatic Data Collection (ADC) devices and SAP. The SAP Certified NLINK ADC to SAP Solution supports a wide variety of data collection devices and a host of pre-built data collection transactions. The NLINK ADC to SAP Solution provides freedom from being locked into predefined or pre-configured transactions that cannot be changed.

### Background

In the never ending drive to improve operational efficiency, companies increasingly need to integrate automatic data collection devices with their enterprise (ERP) solutions, best of breed or legacy applications. To allow continuous evolution of their business processes companies need to be able to dynamically adjust the transactions associated with these integrations, quickly and cost-effectively.

### Flexibility

The NLINK ADC to SAP Solution offers complete flexibility straight out of the box:

- **No Coding.** The NLINK ADC to SAP Solution is a configuration-based system. It comes with a rich set of pre-built SAP Automatic Data Collection transactions that can be extended, modified and managed without writing any code.
- **No Flashing.** No need to re-flash or re-program your data collection hardware when a change is made to a Data Collection screen or the underlying transaction business logic. In fact, nothing is installed onto the mobile device - completely eliminating the need to maintain and manage the barcode scanners.
- **User Profiles.** User Profiles allow data collection users to be presented with specific menu options that provide access only to certain data collection screens and transactions depending on their role or work assignment.
- **User Management.** The NLINK ADC to SAP Solution supports a variety of user management modes. Users logon to the mobile devices using their domain user-id and password. The NLINK ADC to SAP Solution can then



support connecting to SAP with a single centralized SAP user-id, or it can simply pass-through the user's ADC logon user-id directly to SAP, or it can fully support SAP's Single Sign On (SSO) methods. It's completely your choice.

- **Combination Transactions.** One logical data collection screen can trigger multiple transactions in the SAP system.

## Reliability

The NLINK ADC to SAP Solution provides built-in critical transactional support not seen in other approaches, including:

- **Store and Forward.** When the SAP system becomes unavailable, the NLINK ADC to SAP Solution stores messages locally and then automatically submits them once, and only once, in the correct order to the SAP system when connectivity is re-established.
- **Automatic Failover.** If the NLINK ADC to SAP Solution machine becomes unavailable, or has failed due to hardware or software problems, an optional backup system can be configured to handle its workload until the failed system is brought back online.

## Scalability

The NLINK ADC to SAP Solution provides unparalleled performance and scalability through a number of features, including:

- **Replication.** Use replication to reduce unnecessary round-trip requests to the back end SAP system, improving overall system response time, reducing network traffic and system load.
- **Validation.** All pre-built ADC transactions come with centralized validation prior to posting to the SAP system. Many potential errors can be caught prior to posting, reducing the load on the back end ERP.
- **Multi-Threading.** The NLINK ADC to SAP Solution is fully multi-threaded. It is able to efficiently handle many requests from many data collection devices simultaneously and process them concurrently.
- **Memory Resident.** The NLINK ADC to SAP Solution's patented technology uses an extremely powerful and flexible memory-resident database to allow efficient and timely data processing.



## NLINK ADC to SAP Solution Benefits

The **NLINK ADC to SAP Solution** provides significant advantages over alternative approaches:

- **Fast to Implement.** The NLINK ADC to SAP Solution is faster to implement than other approaches since it comes already pre-configured with many transactions spanning multiple SAP modules.
- **Easy to Change.** The NLINK ADC to SAP Solution is easier to change than other approaches since absolutely no programming is required to either customize or add completely new transactions.
- **Robust and Reliable.** The NLINK ADC to SAP Solution is a mission critical addition to your company's information systems. Store and Forward and Automatic Failover are just two of the built-in reliability features that are not available in other approaches.
- **Field Proven.** The NLINK ADC to SAP Solution has been successfully field deployed for many years.
- **SAP Certified.** The NLINK ADC to SAP Solution holds several SAP Certifications including CA-ADC and Powered By SAP NetWeaver®.
- **Expandable.** Unlike other approaches, the NLINK ADC to SAP Solution is built on a full Enterprise Application Integration (EAI) product. It can be expanded to include connections to legacy systems, best of breed applications, the Internet, and more.
- **Business Rules.** The NLINK ADC to SAP Solution provides more than just message delivery. It allows the user to build sophisticated business logic into any transaction. Business logic is easily configured and changed for evolving business requirements, without programming.
- **Data Combination.** The NLINK ADC to SAP Solution lets you easily combine and manipulate data from multiple sources and supports long running transactions.

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