

Innovations and Improvements

SAP S/4HANA Utilities, on-premise and private cloud edition

Delivered Innovations

Innovations with detailed information for each product feature:

Fiori

- SAP S/4HANA 1610: [SAP Fiori app for utilities meter reading and billing](#)
- SAP S/4HANA 1709: [Overview pages for utilities billing \(SAP Fiori for billing specialist \(utilities\)\)](#)
- SAP S/4HANA 1709: [Overview page for periodic meter reading \(SAP Fiori for meter data specialist \(utilities\)\)](#)
- SAP S/4HANA 1809: [Increase user productivity when resolving exceptions in utilities billing and invoicing – SAP Fiori for billing specialists \(utilities\)](#)
- SAP S/4HANA 2020: [Resolving exceptions in utilities meter readings](#)
- SAP S/4HANA 2020: [Resolving exceptions in utilities billing and invoicing](#)
- SAP S/4HANA 2020 FPS1: [Extensibility of SAP Fiori apps in utilities billing and invoicing](#)

Analytics

- SAP S/4HANA 1511: [SAP S/4HANA Utilities Analytics](#)
- SAP S/4HANA 1610: [SAP S/4HANA Utilities Analytics, part 2](#)
- SAP S/4HANA 1709: [SAP S/4HANA Utilities - analysis of premise, installation, and utilities contract](#)
- SAP S/4HANA 1809: [Improve process efficiency using analytic insight into utilities meter reading](#)

Machine Learning

- SAP S/4HANA 1909: [Reduce manual efforts by applying machine learning to resolve exceptions in meter reading and billing](#)

Product Simplification

- SAP S/4HANA 1909: [Accelerate time to market for new energy products with product simplification in SAP S/4HANA Utilities](#)
- SAP S/4HANA 1909 FPS1: [Automation of steps required for setup of billing master data](#)
- SAP S/4HANA 1909 FPS2: [Enhanced automation of steps required for setup of billing master data](#)
- SAP S/4HANA 2020: [Product integration with sales contracts: cancel and change processes](#)
- SAP S/4HANA 2020 FSP1: [Product integration with sales contracts: supporting cancel product change](#)
- SAP S/4HANA 2020 FPS1: [OData API for updating charges in the utility product integration layer \(create, update, delete\)](#)
- SAP S/4HANA 2020 FPS1: [OData API for utilities fixed price key \(operation: create, read\)](#)

Customer Engagement

- SAP S/4HANA 1709 FPS01: Simplify Your Back Office , Improve Customer Service, and Lower the Cost to Serve with SAP S/4HANA Utilities for customer management
- SAP S/4HANA 1809: Reduce total cost of ownership with replication-free and harmonized utilities master data
- SAP S/4HANA 1909: Increase efficiency with simplified management of sales contracts for utilities
- SAP S/4HANA 2020: Change and cancel processes for utilities sales contract management
- SAP S/4HANA 2020: Capabilities of sales contract integration and deregulation compatibility
- SAP S/4HANA 2020: Product integration with sales contracts: supporting cancel product change
- SAP S/4HANA 2021: Identification screen: views and one-click actions for move-in/out processes, service orders, and invoicing documents
- SAP S/4HANA 2021: Sales contract management for utilities allows multi-end, change contract items and differentiated product selection
- SAP S/4HANA 2021: Simplified customizing for contract accounts

Multichannel Foundation and other APIs

- SAP S/4HANA 1610: Offer utilities customers self-service through digital channels with SAP Multichannel Foundation for Utilities and Public Sector
- SAP S/4HANA 2020: Enhanced APIs in SAP Multichannel Foundation for Utilities and Public Sector
- SAP S/4HANA 2020 FPS2: OData API for extension for Multichannel Foundation for Utilities

Marketing Integration

- SAP S/4HANA 1809 FPS2: Deliver personalized customer experiences to utilities customers with SAP S/4HANA Utilities integration with SAP Marketing Cloud version 2.0
- SAP S/4HANA 2020: Calculation of a customer's Financial Health Score for marketing campaigns
- SAP S/4HANA 2020 FPS1: Utilities integration with marketing supporting installation changes for sales contracts

Large System Enablement

- SAP S/4HANA 1610: SAP S/4HANA Utilities for large systems

Customer Connection

- Improvements to SAP for Utilities - enhancements to technical objects for utilities
- Improvements to SAP for Utilities in meter reading for IS-U
- Improvements to SAP for Utilities (IS-utilities) - improved billing and invoicing in the industry-specific solution for utilities
- Improvements to SAP for Utilities (IS-utilities) - enable the tax-exemption calculation process in the utilities industry for the United States
- Improve handling of various Utilities specific functionalities based on Customer Connection requirements (2018)
- Innovations for SAP for Utilities with SAP Customer Connection 2019
- Better monitoring, handling, and validation of meter-reading data
- Bill simulation for multiple rates and improved information in billing and invoicing
- Leading zeros in serial numbers and improved handling of price classes in the device-replacement process

- [Monitoring of data exchange tasks](#)
- [Reloading of archived profile values and use of archived profile values during billing](#)

Contract Accounting / FI-CA

- SAP S/4HANA ON-PREMISE 1511: [Contract accounting in SAP S/4HANA, on-premise edition](#)
- SAP FIORI FOR SAP S/4HANA 1709: [Digital transformation with contract accounting – improved appliance for Big Data companies](#)
- SAP S/4HANA 1809: [SAP Fiori apps for convergent invoicing and contract accounting in the SAP Fiori Cloud](#)
- SAP S/4HANA 1909: [Improved results of enterprise searches through support for contract accounting objects in SAP Fiori apps](#)
- SAP S/4HANA 1909: [SAP Fiori apps for payments and open items in contract accounting](#)
- SAP S/4HANA 2020: [Cash application for payment assignments in contract accounting](#)
- SAP S/4HANA 2020: [SAP Fiori apps for various processes in contract accounting](#)
- SAP S/4HANA 2020: [Initiate and monitor disconnection and reconnection requests](#)
- SAP S/4HANA 2020: [SAP Fiori app to upload billable items in convergent invoicing](#)
- SAP S/4HANA 2020: [SAP Fiori app for managing clarification cases in convergent invoicing](#)
- SAP S/4HANA 2020: [Situation handling for contract accounting payments and dunning runs](#)
- SAP S/4HANA 2020: [Self-services to display information in contract accounting and invoicing](#)
- SAP S/4HANA 2020: [Support for legal requirements in contract accounting and convergent invoicing](#)
- SAP S/4HANA 2020: [Maintain the master data ID for dependent items in convergent invoicing](#)
- SAP S/4HANA 2020: [Increased aggregation capabilities for billing and invoicing of large resellers](#)
- SAP S/4HANA 2021: [Reconcile sales-and-distribution billing documents with contract-accounting subledger documents](#)
- SAP S/4HANA 2021: [New services in contract accounting: display account balance and business transactions, manage installment plans](#)
- SAP S/4HANA 2021: [New SAP Fiori apps for contract accounting processes](#)
- SAP S/4HANA 2021: [Attachment of customer-specific content to billable items](#)

Integration with SAP Convergent Invoicing

- SAP S/4HANA 2020: [Convergent Invoicing for utilities bill-to-cash processes](#)

Integration with Cloud for Utilities, flexible edition

- [Process orchestration and integration content](#)

Innovations Planned for Delivery after SAP S/4HANA 2021 FPS0

- [Customer connection project, SAP for Utilities on-premise 2021](#)
- [Service management for utilities](#)
- [Service management for utilities - integration of modern service processes and processes related to utilities devices](#)
- [Enhanced data environments with graphical elements, additional service data, and easier navigation to detail views](#)
- [Embedded service processes for utilities in the interaction center](#)
- [Utilities payment plan capabilities for SAP Convergent Invoicing](#)
- [Additional attributes in enterprise services for advanced metering infrastructure \(AMI\)](#)

Find more innovations on [SAP Road Map Explorer](#).

