



SAP Ariba and SAP Fieldglass

Feature at a Glance

Discount Percent Precision Change

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Target GA: November 2021 (Release 2111)

PUBLIC

Feature at a Glance

Introducing: Discount percent precision change

Ease of implementation



Low touch / simple

Geographic relevance



Global

Customer challenges

- The early payment discount percent in SAP and Ariba Network rarely match. This difference may cause confusion in a tax audit.
- SAP supports up to 3 decimals when specifying a discount percent where as Ariba Network supports full database precision.
- The Cloud Integration Gateway recalculates the discount percent using discount amount, discount basis, and gross amount.

Meet that challenge with SAP Ariba

- The discount calculation algorithm has been changed to match that of SAP.
- Now, Ariba network uses a discount percent with a precision of 3 decimal places to calculate the discount amount in discount offers, including buyer-initiated dynamic discount offers, payment term offers (PTO), standing early payment term offers (SEPTO), and pre-accepted standing early payment offers (PA SEPTO).
- Ariba Network passes DiscountPercent determined by the discounting capability in the cXML PaymentProposalRequest update (cXML 1.2.051) sent to the buyer's ERP.

Experience key benefits

- Discount percent always matches in Ariba Network and SAP
- Reduces risk of confusion during a tax audit

Solution area

SAP Ariba Network
SAP Ariba Discount Management

Implementation information

This feature is ready for immediate use however requires an upgrade of the CIG Pay Me Now payment proposal request integration to map DiscountPercent to BSEG-ZBD1P (Cash discount percentage 1).

Alternatively customers may customize the adapter themselves.

Prerequisites and Restrictions

A related feature IG-30688 will change the CIG mapping to use DiscountPercent in cXML 1.2.051 to BSEG-ZBD1P (Cash discount percentage 1)

Feature at a Glance

Introducing: Discount percent precision change

Workbench Customize

\$ **2.04** K USD

Early payment offers

Next 90 days

\$ **6.22** K USD

Scheduled payments

Next 90 days

\$ **0.0** USD

Remittances

Last 31 days

0

Orders to invoice

Last 31 days

0

Orders

Last 31 days

0

Rejected invoices

Last 31 days

0

Invoices

Last 31 days

Early payment offers (1)

[Edit filter](#) | [Save filter](#) | [Next 90 days](#)

[Review/Accept Early Payment Offer](#) [Use Cash Optimizer](#)

| <input type="checkbox"/> | Invoice | Payment ID | Due Date | Projected Settlement Date | Remaining Days | Invoice Amount | Discount Basis | Discount Percent | Discount | Adjustment (Tax) | Net Payment |
|--------------------------|---------|------------------|--------------|---------------------------|----------------|----------------|----------------|------------------|------------|------------------|---------------|
| <input type="checkbox"/> | INV-001 | PPR-PAY-6920-003 | Sep 15, 2021 | Aug 4, 2021 | 42 | £1,333.33 GBP | £1,111.11 GBP | 2.761% | £30.68 GBP | £6.14 GBP | £1,296.51 GBP |

Workbench now displays 3 decimals

Feature at a Glance

Introducing: Discount percent precision change

SAP Business Network Enterprise Account

Review early payment offer

Expected settlement date: Aug 4, 2021
Total invoice amount: £1,333.33 GBP
Discount rate: 2.762%
Total discount amount: £30.69 GBP
Total settlement amount: £1,296.50 GBP

Details | Payment timeline and history | History

Note: Payment will not be settled on Saturday, Sunday or holiday.

Click and drag to choose your desired day/rate

Payment details

| Payment date | Settlement date | Days early | Discount rate | Tax adjustment | Discount amount | Settlement amount |
|--------------|-----------------|------------|---------------|----------------|-----------------|-------------------|
| 4 Aug 2021 | 4 Aug 2021 | 42 | 2.762% | £6.14 GBP | £30.69 GBP | £1,296.50 GBP |
| 5 Aug 2021 | 5 Aug 2021 | 41 | 2.696% | £5.99 GBP | £29.96 GBP | £1,297.38 GBP |
| 6 Aug 2021 | 6 Aug 2021 | 40 | 2.630% | £5.84 GBP | £29.22 GBP | £1,298.27 GBP |

Customer: Hermann Inc Invoice: INV-001 Scheduled payment: PPR-PAY-6020-003 Invoice amount: £1,333.33 GBP Scheduled payment date: Sep 15, 2021

| Tax category | Tax location | Tax amount | Tax adjustment |
|--------------|--------------|-------------|----------------|
| VAT | UK | £222.22 GBP | £6.14 GBP |

Total tax adjustment: £6.14 GBP VAT

Feature at a Glance

Introducing: Discount percent precision change

Scheduled payment: PPR-PAY-6920-003 Done

✓ The early payment proposal has been submitted. To accept early payment offers automatically, [set up an early payment auto-acceptance rule.](#) ✕

| | | | | |
|--------------------------|-----------------------------|----------------|-----------------------|-------------------------|
| Expected settlement date | Total invoice amount | Discount rate | Total discount amount | Total settlement amount |
| Aug 4, 2021 | £1,333.33 GBP | 2.762% | £30.69 GBP | £1,296.50 GBP |
| Status | Early payment status | Discount basis | Adjustment amount | |
| Scheduled | Processed (Buyer-Initiated) | £1,111.11 GBP | £6.14 GBP | |

Details | Payment timeline and history | History

Total tax adjustment: £6.14 GBP VAT

| | | | |
|--------------|--------------|-------------|----------------|
| Tax category | Tax location | Tax amount | Tax adjustment |
| VAT | UK | £222.22 GBP | £6.14 GBP |

New 3 decimal precision algorithm:

Discount Amount : 2.762% * 1,111.11 = 30.6889 = 30.69

Tax Adjustment: 2.762% * 222.22 = 6.1377 = 6.14

Feature at a Glance

Introducing: Discount percent precision change

```
<PayableInvoiceInfo>
  <InvoiceIDInfo
    invoiceDate="2021-07-20T11:55:43-07:00" invoiceID="INV-001"/>
  </PayableInvoiceInfo>
</PayableInfo>
  <PaymentMethod type="ach">
    <Description xml:lang="en-us">
      <ShortName>ach</ShortName>
    </Description>
  </PaymentMethod>
  <GrossAmount>
    <Money currency="GBP">1333.33</Money>
  </GrossAmount>
  <DiscountBasis>
    <Money currency="GBP">1111.11</Money>
  </DiscountBasis>
  <DiscountPercent percent="2.762"></DiscountPercent><DiscountAmount>
    <Money currency="GBP">30.69</Money>
  </DiscountAmount>
  <AdjustmentAmount>
    <Money currency="GBP">0.00</Money>
  </AdjustmentAmount>
```

New <DiscountPercent> field in payment proposal request update



Sample_PPR_DiscountPercent.txt

Sample file

Feature at a Glance

Restrictions: Discount percent precision change

| Last Modified | Discount Rate(%) | Discount Term(Days) | Net Term(Days) | Pro-Rated | Pre-Accepted | Standing | Active | Status | Actions |
|------------------------------|------------------|---------------------|----------------|-----------|--------------|----------|--------|----------|-------------------------------|
| ▼ Customer: Stokes Group (1) | | | | | | | | | |
| 28 Jul 2021 | 13.00 | 5 | 20 | Yes | No | No | Yes | Accepted | Review/Reject |

PAYMENT TERMS

You can elect to accept the payment terms proposed by Stokes Group.

The customer has requested a sliding scale discount between net and discount term.

For pro-rated discounts, the specific discount percentage is determined by the number of days for which the invoice is paid early.

Discount Term(Days): 5 Discount Rate(%): 13.00

Net Term(Days): 20 Pro-rated: Yes

Processing Time(Days): 0 ⓘ Standing: No

Below is a listing of the discount percentage that will be taken from the face value of the invoice by day.

| Payment Day | Days Paid Early | Net Term (days) | % Discount |
|-------------|-----------------|-----------------|------------|
| 5 | 15 | 20 | 13.00 |
| 6 | 14 | 20 | 12.13 |
| 7 | 13 | 20 | 11.27 |
| 8 | 12 | 20 | 10.40 |
| 9 | 11 | 20 | 9.53 |
| 10 | 10 | 20 | 8.67 |
| 11 | 9 | 20 | 7.80 |

I agree to accept the proposed early payment terms. Once accepted, the customer will apply to vendor master, invoices, and purchase orders. I also warrant that I am authorized by my company to accept said discount terms.

“Accelerated payment setting” on supply-side displays 2 decimals

Feature at a Glance

Restrictions: Discount percent precision change

Payment Information

Scheduled Payment Date: 4 Aug 2021
Payment Method: ACH
Invoice ID: INV-001
Discount Basis: £1,111.11 GBP

EARLY PAYMENT: Buyer-Initiated
PPR-PAY-6920-003 (Scheduled)

Original Amount: £1,333.33 GBP
Discount Amount: (£30.69 GBP)
Adjustment Amount: (£6.14 GBP)

Amount Due: £1,296.50 GBP
2.76% discount rate applied
Settlement on 4 Aug 2021

Tax Detail Information

| Tax Category ↑ | Tax Location | Tax Amount | Tax Adjustment Amount |
|----------------|--------------|-------------|-----------------------|
| VAT | UK | £222.22 GBP | £6.14 GBP ⓘ |

- The old scheduled payment screen displays 2 decimals.
- We are evaluating changing this.

SAP Ariba and SAP Fieldglass

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