

TM Forum Open APIs

Conformance

Certification



Company Name:

Evergent Technologies

Product Name and Release Version:

Evergent Monetization CCB and 3.0

TM Forum Open API Name and Release Version:

TMF 648 - Quote Management API V4

Date: 09/09/2026

1. What Product or Solution does your API support?

Our product “Customer Care and Billing” has different modules to support Customer life cycle, Billing , Product management, Back Office and Messaging capabilities.

Billing management includes handling payment and billing related CRUD operations. All these APIs interact with Billing management module to perform the CRUD operations.

2. Overview of Certified API

A Quote is created based on product offering(s) that is(are) defined in a catalog. The quote identifies the product or set of products that are available to a customer for pricing request, and includes product characteristics.

The following HTTP methods are supported:

API: /tmf-api/quoteManagement/v4

- **POST** –/quote -> Create a new Quote
- **GET** –/quote/{id} -> Retrieve an existing resource based on id
- **GET** - /quote -> Fetch All quotes details
- **PATCH** – /quote/{id} -> Partially update an existing resource
- **DELETE** –/quote/{id} -> Delete an existing resource

The certification scope includes the following account and related resources:

Below are the API's

POST: /tmf-api/quoteManagement/v4/quote

Request:

```
{
  "name": "DTH Premium Bundle - Customer ACC-0260909090413764",
  "state": "SUBMIT",
  "category": "Bundle",
  "description": "Premium DTH bundle with Netflix subscription",
  "relatedParty": [
    {
      "id": "0260909090413764",
      "name": "Customer",
      "role": "Customer",
      "href": "/tmf-api/customerManagement/v5/customer/0260909090413764"
    }
  ],
  "quoteCharacteristic": [
    {
      "name": "actionType",
      "value": "CREATE",
      "@type": "Characteristic"
    },
    {
      "name": "leadId",
      "value": "1",
      "@type": "Characteristic"
    }
  ]
}
```

```

{
  "name": "salesRepUserId",
  "value": "2",
  "@type": "Characteristic"
},
{
  "name": "contractDuration",
  "value": "24",
  "@type": "Characteristic"
},
{
  "name": "approvalFlag",
  "value": "false",
  "@type": "Characteristic"
}
],
"quoteTotalPrice": [
  {
    "priceAlteration": [
      {
        "name": "Overall Discount",
        "priceAlterationType": "discount",
        "percentage": 5.0,
        "reason": "BULK_DISCOUNT"
      }
    ]
  }
],
"quoteItem": [
  {
    "id": "item-1",
    "action": "add",
    "quantity": 1,
    "productOffering": {
      "id": "1584316",
      "name": "Astro Starter Pack with Netflix",
      "href": "/tmf-api/productCatalog/v4/productOffering/1584316"
    },
    "product": {
      "productSpecification": {
        "name": "PACKAGE"
      },
      "productCharacteristic": [
        {
          "name": "isBasicService",
          "value": "true",
          "@type": "Characteristic"
        },
        {
          "name": "renewalConsent",
          "value": "true",
          "@type": "Characteristic"
        },
        {
          "name": "promotionId",
          "value": "1584576",
          "@type": "Characteristic"
        },
        {
          "name": "promotionName",
          "value": "Employee Netflix Standard Discount",
          "@type": "Characteristic"
        },
        {
          "name": "discountReasonCode",
          "value": "CORPORATE_DISCOUNT",

```

```

      "@type": "Characteristic"
    }
  ]
},
"quoteItemPrice": [
  {
    "name": "RetailPrice",
    "price": {
      "dutyFreeAmount": {
        "value": 139.99,
        "unit": "USD"
      },
      "taxIncludedAmount": {
        "value": 119.70,
        "unit": "USD"
      },
      "taxRate": 0.0,
      "percentage": 20.0
    },
    "tax": [
      {
        "taxAmount": {
          "value": 0.00,
          "unit": "USD"
        }
      }
    ],
    "priceAlteration": [
      {
        "name": "Employee Netflix Standard Discount",
        "priceAlterationType": "promotion",
        "percentage": 1.2,
        "reason": "CORPORATE_DISCOUNT",
        "description": "Employee discount program - verified employee ID"
      },
      {
        "name": "Additional Discount",
        "priceAlterationType": "discount",
        "percentage": 20.0
      }
    ]
  }
],
"quoteItem": [
  {
    "id": "item-1-child-1",
    "action": "add",
    "quantity": 1,
    "productOffering": {
      "id": "CH-00100000000000000000000000000000",
      "name": "Astro Channel"
    },
    "product": {
      "productSpecification": {
        "name": "PRODUCT"
      }
    },
    "quoteItemPrice": [
      {
        "name": "RetailPrice",
        "price": {
          "dutyFreeAmount": {
            "value": 119.70,
            "unit": "USD"
          },
          "taxIncludedAmount": {

```

```

      "value": 119.70,
      "unit": "USD"
    },
    "taxRate": 0.0
  },
  "tax": [
    {
      "taxAmount": {
        "value": 0.00,
        "unit": "USD"
      }
    }
  ],
  "priceAlteration": [
    {
      "name": "Employee Netflix Standard Discount",
      "priceAlterationType": "promotion",
      "percentage": 1.2,
      "reason": "CORPORATE_DISCOUNT",
      "description": "Employee discount program - verified employee ID"
    },
    {
      "name": "Additional Discount",
      "priceAlterationType": "discount",
      "percentage": 20.0
    }
  ]
}
],
{
  "id": "item-1-child-2",
  "action": "add",
  "quantity": 1,
  "productOffering": {
    "id": "CH-002",
    "name": "Netflix Standard"
  },
  "product": {
    "productSpecification": {
      "name": "PRODUCT"
    }
  },
  "quoteItemPrice": [
    {
      "name": "RetailPrice",
      "priceAlteration": [
        {
          "name": "Employee Netflix Standard Discount",
          "priceAlterationType": "promotion",
          "percentage": 20.0,
          "reason": "CORPORATE_DISCOUNT",
          "description": "Employee discount program - verified employee ID"
        }
      ]
    }
  ]
}
],
{
  "id": "item-1-child-3",
  "action": "add",
  "quantity": 1,
  "productOffering": {
    "id": "CH-NETFLIX-STD",
    "name": "Netflix Standard Subscription"
  },

```

```

    "product": {
      "productSpecification": {
        "name": "PRODUCT"
      }
    },
    "quoteItemPrice": [
      {
        "name": "RetailPrice",
        "priceAlteration": [
          {
            "name": "Employee Netflix Standard Discount",
            "priceAlterationType": "promotion",
            "percentage": 20.0,
            "reason": "CORPORATE_DISCOUNT",
            "description": "Employee discount program - verified employee ID"
          }
        ]
      }
    ]
  }
]
}
],
"contactMedium": {
  "mediumType": "email",
  "preferred": true
},
"@type": "Quote"
}

```

Response

```

{
  "id": "1282",
  "href": "/tmf-api/quoteManagement/v4/quote/1282",
  "name": "DTH Premium Bundle - Customer ACC-0260909090413764",
  "category": "Bundle",
  "description": "Premium DTH bundle with Netflix subscription",
  "state": "SUBMIT",
  "quoteDate": "2026-09-09T17:31:54.3655912+05:30",
  "contactMedium": {
    "mediumType": "email",
    "preferred": true,
    "@type": "ContactMedium"
  },
  "quoteItem": [
    {
      "id": "item-1",
      "action": "add",
      "productOffering": {
        "id": "1584316",
        "href": "/tmf-api/productCatalog/v4/productOffering/1584316",
        "name": "Astro Starter Pack with Netflix"
      },
      "quoteItemPrice": [
        {
          "name": "RetailPrice",
          "price": {
            "dutyFreeAmount": {
              "unit": "USD",
              "value": 139.99
            },
            "taxIncludedAmount": {
              "unit": "USD",
              "value": 119.7
            }
          }
        ]
      }
    }
  ]
}

```

```

    },
    "taxRate": 0.0,
    "percentage": 20.0
  },
  "tax": [
    {
      "taxAmount": {
        "unit": "USD",
        "value": 0.0
      }
    }
  ],
  "priceAlteration": [
    {
      "name": "Employee Netflix Standard Discount",
      "description": "Employee discount program - verified employee ID",
      "priceAlterationType": "promotion",
      "reason": "CORPORATE_DISCOUNT",
      "percentage": 1.2,
      "@type": "PriceAlteration"
    },
    {
      "name": "Additional Discount",
      "priceAlterationType": "discount",
      "percentage": 20.0,
      "@type": "PriceAlteration"
    }
  ]
},
"quantity": 1,
"product": {
  "productSpecification": {
    "name": "PACKAGE"
  },
  "productCharacteristic": [
    {
      "name": "isBasicService",
      "value": "true",
      "@type": "Characteristic"
    },
    {
      "name": "renewalConsent",
      "value": "true",
      "@type": "Characteristic"
    },
    {
      "name": "promotionId",
      "value": "1584576",
      "@type": "Characteristic"
    },
    {
      "name": "promotionName",
      "value": "Employee Netflix Standard Discount",
      "@type": "Characteristic"
    },
    {
      "name": "discountReasonCode",
      "value": "CORPORATE_DISCOUNT",
      "@type": "Characteristic"
    }
  ]
},
"quoteItem": [
  {
    "id": "item-1-child-1",

```

```

"action": "add",
"productOffering": {
  "id": "CH-001000000000000000000000000000",
  "name": "Astro Channel"
},
"quoteItemPrice": [
  {
    "name": "RetailPrice",
    "price": {
      "dutyFreeAmount": {
        "unit": "USD",
        "value": 119.7
      },
      "taxIncludedAmount": {
        "unit": "USD",
        "value": 119.7
      },
      "taxRate": 0.0
    },
    "tax": [
      {
        "taxAmount": {
          "unit": "USD",
          "value": 0.0
        }
      }
    ],
    "priceAlteration": [
      {
        "name": "Employee Netflix Standard Discount",
        "description": "Employee discount program - verified employee ID",
        "priceAlterationType": "promotion",
        "reason": "CORPORATE_DISCOUNT",
        "percentage": 1.2,
        "@type": "PriceAlteration"
      },
      {
        "name": "Additional Discount",
        "priceAlterationType": "discount",
        "percentage": 20.0,
        "@type": "PriceAlteration"
      }
    ]
  }
],
"quantity": 1,
"product": {
  "productSpecification": {
    "name": "PRODUCT"
  }
},
{
  "id": "item-1-child-2",
  "action": "add",
  "productOffering": {
    "id": "CH-002",
    "name": "Netflix Standard"
  },
  "quoteItemPrice": [
    {
      "name": "RetailPrice",
      "priceAlteration": [
        {
          "name": "Employee Netflix Standard Discount",
          "description": "Employee discount program - verified employee ID",

```

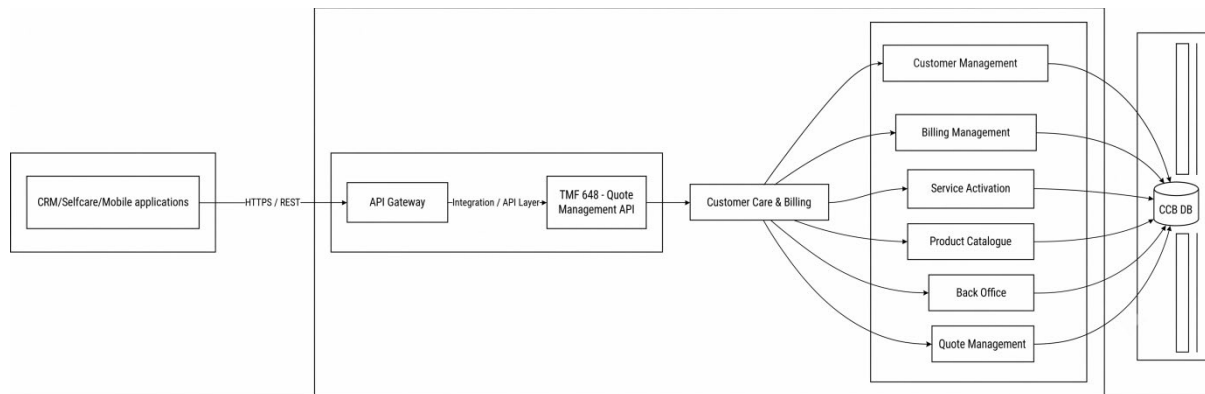
```

        "priceAlterationType": "promotion",
        "reason": "CORPORATE_DISCOUNT",
        "percentage": 20.0,
        "@type": "PriceAlteration"
    }
}
],
"quantity": 1,
"product": {
    "productSpecification": {
        "name": "PRODUCT"
    }
}
},
{
    "id": "item-1-child-3",
    "action": "add",
    "productOffering": {
        "id": "CH-NETFLIX-STD",
        "name": "Netflix Standard Subscription"
    },
    "quoteItemPrice": [
        {
            "name": "RetailPrice",
            "priceAlteration": [
                {
                    "name": "Employee Netflix Standard Discount",
                    "description": "Employee discount program - verified employee ID",
                    "priceAlterationType": "promotion",
                    "reason": "CORPORATE_DISCOUNT",
                    "percentage": 20.0,
                    "@type": "PriceAlteration"
                }
            ]
        }
    ]
},
"quantity": 1,
"product": {
    "productSpecification": {
        "name": "PRODUCT"
    }
}
}
]
},
],
"relatedParty": [
    {
        "id": "0260909090413764",
        "name": "Customer",
        "role": "Customer",
        "href": "/tmf-api/customerManagement/v5/customer/0260909090413764"
    }
],
"quoteTotalPrice": [
    {
        "priceAlteration": [
            {
                "name": "Overall Discount",
                "priceAlterationType": "discount",
                "reason": "BULK_DISCOUNT",
                "percentage": 5.0,
                "@type": "PriceAlteration"
            }
        ]
    }
]

```

```
}  
],  
"externalQuoteld": "1282",  
"version": 1,  
"@type": "Quote"  
}
```

3. Architectural View



4. Test Results

Click here to view the test results:

<Evergent-MonetizationCCB-TMF648-HTMLResults.html>