

# Give me an update of the latest new features in PTV Developer RouteOptimization Optiflow 1.62. Menti

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## Bernd Welter (29/04/2026 13:37:09)

Give me an update of the latest new features in PTV Developer RouteOptimization Optiflow 1.62. Mention all new - endpoints - input parameters / properties - output properties

Create a diagram of the new elements.

Create a sample request that demonstrates all new elements

## PTV Mira (29/04/2026 13:38:50)

No results for version "1.62". Let me check what versions are available. The version is "1.62.0". Let me fetch those changes. Based on my research, here's what I found for **PTV OptiFlow Route Optimization API version 1.62.0**:

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### Version 1.62.0 — Released 29/04/2026

Date	Type	Description
29/04/2026	FEATURE	Added <code>breaks</code> field to charging station to control whether breaks may overlap with charging

### New Input Property

`ChargingStation.breaks` — Controls whether driver breaks may overlap with vehicle charging time at a station.

This is added to the `chargingStations` array on each location:

```
Location
├─ chargingStations[]
│  ├─ id (existing)
│  ├─ maximumPower (existing)
│  ├─ preparationDuration (existing)
│  ├─ completionDuration (existing)
│  └─ costs (existing)
```

```
└─ categories (existing)
└─ breaks ← NEW in 1.62.0
```

## Diagram

I can provide information about charging stations.

Timeline without overlap: |— Charging ————| |— Break ———| |— Depart —→

Timeline with overlap: |— Charging ————| | |— Break ———| |  
|—————| |— Depart —→

```
---
```

### ### Important Limitation

This feature was released **today** (29/04/2026). The official API changelog describes it as controlling "whether breaks may overlap with charging".

For the complete field definition, please refer to:

- <https://developer.mypvt.com/en/documentation/route-optimization-optiflow-api/api-changes>

```
---
```

### ### Sample Request (Demonstrating the New Element)

Based on the feature description, here's a conceptual example showing the `breaks` field on a charging station:

```
```json
```

```
{
  "locations": [
    {
      "id": "DEPOT_MAIN",
      "latitude": 50.9375,
      "longitude": 6.9603,
      "chargingStations": [
        {
          "id": "CHARGER_DEPOT",
          "maximumPower": 150,
          "preparationDuration": 300,
          "completionDuration": 180,
          "breaks": {
            "mayOverlap": true
          }
        }
      ]
    }
  ]
}
```

```

    }
  ],
  "vehicles": [
    {
      "id": "EV_001",
      "battery": {
        "capacity": 80,
        "consumption": { "perHundredKilometers": 25 }
      },
      "breaks": {
        "driving": [
          { "maximumDrivingDuration": 16200, "minimumBreakDuration": 2700 }
        ]
      }
    }
  ]
}

```

**⚠ Note:** The exact structure of the `breaks` field (e.g., whether it's `{ "mayOverlap": true }` or a different format) is not yet confirmed. The sample above is illustrative. Please verify the exact schema at the official documentation link above before using in production.

## Summary

Category	Element	Details
New endpoints	—	None in 1.62.0
New input property	<code>ChargingStation.breaks</code>	Controls break/charging overlap
New output property	—	None documented in 1.62.0

Version 1.62.0 is a focused release with a single new feature enhancing EV charging flexibility. For the exact field structure and usage of `ChargingStation.breaks`, I recommend checking the official API documentation at <https://developer.myptv.com/en> — the feature was released today and the detailed schema definition will be available there.