



# PAYE Modernisation

ROS Payroll Reporting Message Guide

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1.0		All	Document published.
1.0 Release Candidate 2	24/05/2018		Version updated to 1.0 Release Candidate 2

## Audience

This document is for any software provider who has chosen to build or update their products to allow for PAYE Modernisation and intend to submit/ or request data via ROS Payroll Reporting screens.

## Document Context

This document provides a technical overview of how to create request messages for submission to the Revenue's PAYE Modernisation Services from the ROS Payroll Reporting screens.

This document is intended to be read in conjunction with schema definitions and example files as well as the rest of the Revenue's PAYE Modernisation technical documentation.

Document References	
Reference	Document Link
1. Documents Homepage	<a href="https://revenue-ie.github.io/payee-employers-documentation/">https://revenue-ie.github.io/payee-employers-documentation/</a>

### 1. Introduction

This document is a guide on to how to create messages for submission to the PAYE Modernisation Payroll and RPN services via Revenue's Payroll Reporting screens.

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## 2. JSON Messages

A JSON envelope schema has been defined which will facilitate using JSON message format for file upload on the ROS Payroll Reporting screens to complete the following actions:

- Look up RPNs for existing employees
- Create RPNs for new employees
- Make a payroll submission

This JSON envelope schema is required as takes in data items for these services which are provided as part of the URL if the service is invoked from the REST API.

### JSON Message – Data Items

Name	Description	Applicable Message
Request type	Specifies the service to be called. Supported values : "lookupRPN", "createRPN", "payrollSubmission"	All
Employer Registration Number	The registration of the employer (up to 9 chars). Must be valid Employer Registered number. Format is 7 digits (including leading zeros) followed by either 1 or 2 letters	All
Tax Year	Tax Year to which the submission or request relates	All
Date Last Updated	Date to lookup for RPNs updated on or since	Look up RPN
Software Used	References to third party software used to make RPN request / payroll submission	All
Software Version	Version of software used to make request RPN request/ submission	All
Agent TAIN	Used to identify the agent submitting on behalf of the employer and to ensure that an agent link exists for this employer agent relationship for the period that the payroll submission relates to.	To be included if the RPN request or Payroll submission is being performed by an agent on behalf of an Employer
Payroll Run Reference	Used to identify the Payroll event that the submission refers to e.g. 'Site 1 Week 1'.	Payroll Submission
Submission ID	Unique submission identifier. Must be unique for submissions under a given employer's PAYE registration number. For batch submissions, all submissions should have the same SubmissionID and should have the BatchID and BatchCount populated.	Payroll Submission
Employee IDs	Employee's PPS Number and Employee's Employment ID(Unique identifier for each distinct employment for an employee) are joined using a hyphen (eg.'1234567T-1').	Look up RPN – To be included if request is for specific Employees
Request Body	For Payroll submissions, this contains the Employee level details. For Create RPNs (NewRPN), this	Payroll Submission, Create RPN

	contains the Employee level details.	(NewRPN)
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### 3. XML Messages

There is no requirement for an XML envelope schema as the schemas defined for PAYE Modernisation web services can also be used to create messages for upload through the ROS Payroll Reporting screens. The following XML messages are supported through the ROS Payroll Reporting screens:

- Look up RPNs for existing employees
- Create RPNs for new employees
- Make a payroll submission

### 4. Schemas

Reference	Document Link
JSON Envelope Schema	<a href="https://revenue-ie.github.io/payee-employers-documentation//Screens/ROS_Payroll_Reporting_JSON_Envelope_schema.json">https://revenue-ie.github.io/payee-employers-documentation//Screens/ROS_Payroll_Reporting_JSON_Envelope_schema.json</a>
JSON Create RPN (Request body)	<a href="https://revenue-ie.github.io/payee-employers-documentation/rest/payee-employers-rest-api.json">https://revenue-ie.github.io/payee-employers-documentation/rest/payee-employers-rest-api.json</a>
JSON Payroll Submission (Request body)	<a href="https://revenue-ie.github.io/payee-employers-documentation/rest/payee-employers-rest-api.json">https://revenue-ie.github.io/payee-employers-documentation/rest/payee-employers-rest-api.json</a>
XML Look up RPNs	<a href="https://revenue-ie.github.io/payee-employers-documentation/soap/v1/rpn/rpn-schema.xsd">https://revenue-ie.github.io/payee-employers-documentation/soap/v1/rpn/rpn-schema.xsd</a>
XML Create RPNs for new employees (New RPNs)	<a href="https://revenue-ie.github.io/payee-employers-documentation/soap/v1/rpn/rpn-schema.xsd">https://revenue-ie.github.io/payee-employers-documentation/soap/v1/rpn/rpn-schema.xsd</a>
XML Payroll submission	<a href="https://revenue-ie.github.io/payee-employers-documentation/soap/v1/payroll/payroll-schema.xsd">https://revenue-ie.github.io/payee-employers-documentation/soap/v1/payroll/payroll-schema.xsd</a>

### 5. Digital Signature

Messages uploaded through the ROS Payroll Reporting screens do not need to be digitally signed prior to the upload. The ROS Payroll Reporting screens will perform the digital signing as part of the upload process.