# Phase 1

Phase 1 is building on the existing capabilities of WorldPay’s global gateway to provide a quick integration of mPoint using WorldPay as the backing Payment Service Provider for clearing and settlement. The integration will use several installations for each merchant, each installation representing a group of devices. Devices are grouped into the following categories based on screen size:

* Large( iPhone, HTC Desire etc.): 320x360
* Medium (SE K790, Nokia 5300 etc.): 240x320
* Small (SE K320i, Nokia 6650 etc.): 128x160

Integration will include modifying template files to accommodate each group and applying mobile related markup / CSS to the greatest possible extend.

This phase requires no development from WorldPay and is expected to provide 80% functionality and cover newer mobile phones.

# Phase 2

The second phase intends to expand compatibility by providing “mobile friendly” metadata including:

* Specifying doctype as XHTML Mobile Profile
* Providing access to meta-tags such as http-equiv

This phase will be handled internally by WorldPay as a change request and is expected to require a fairly limited amount of work. It’s expected that this phase will extend the number of compatible devices to phones that are a couple of years old.

# Phase 3

The final phase is intended to truly mobilize WorldPay’s global gateway and intends to support dynamic optimization of the payment pages to the consumer’s specific mobile device. This extension of the current capabilities could take one of the following two approaches:

* Offer a simply scripting language so that layout may be changed dynamically based on the mobile device. This implies the CellPoint Mobile’s mPoint platform detects the device prior to directing the transaction to WorldPay and provides a number of variables describing the device characteristics as part of the request when initializing the payment.
* Alternatively the global gateway should be able to determine the mobile device and optimize the payment pages dynamically for the consumer’s mobile device.

This phase is expected to require a fairly substantial amount of work from both WorldPay and CellPoint Mobile in order to create a solution which is compatible with all phones supporting XHTML Mobile Profile (this includes phones that are about 5 years old). Additionally the user experience will be truly optimized for the mobile channel.